

GOODELL PRATT COMPANY

Toolsmiths

POCKET
CATALOG No.

9

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Goodell-Pratt Company

Greenfield, Massachusetts

Established 1888

Incorporated 1895

Toolsmiths

Cable Address
Prattgood Greenfield

Number **9** Catalog

1909

Read This

CATALOG No. 9

This catalog cancels all previous editions; a list of the new tools we have added will be found on the opposite page.

WARRANTY

Every tool of our manufacture is warranted free from imperfections of material or defects in workmanship and, when so defective, will be repaired or replaced without charge; **but under no circumstances will we assume the responsibility for breakage where flaws do not appear, nor will we replace tools which have suffered from abusive treatment or have been stamped with the owner's name, changed, or otherwise experimented upon.**

REPAIRS

We can furnish repairs for any tool of our manufacture, providing our customers will make it plain to us what new parts are wanted; and where the owner of the tool is sufficiently mechanical to enable him to make repairs himself after receiving the new part, it is quite practical and profitable for him to do it, but it seldom pays to return by express or otherwise tools of small value, as the transportation charges and the cost of repairs are oftentimes more than the cost of a new tool.

SHIPPING INSTRUCTIONS

In ordering give explicit shipping directions and they will be followed, otherwise we shall send according to our best judgment. All goods are at the risk of the purchaser after having been delivered in good order to the forwarders; we cannot hold ourselves responsible for articles lost in transit.

CHANGES

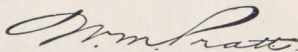
We are oftentimes asked to make slight changes in design, finish, or mechanism of some particular tool; we cannot do this, as it would increase the cost of the tool several hundred per cent.

DISCOUNTS

Upon most of the articles shown in this book a discount will be allowed; this discount will be quoted by any hardware dealer on request.

GOODELL-PRATT COMPANY,

GREENFIELD, MASSACHUSETTS,
JANUARY 1, 1909.


Treas.

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Wm. Pratt

Automatic Drill

No. 108

This Automatic Drill, while embodying all the good points in our other styles, has many new and valuable improvements.

The handle grip is knurled the entire length, the rotating cap through which the Drill Points are extracted is smooth and solid, so shaped as to avoid injuring the hand of the operator even in continuous use; this cap is held locked in place by a spring bolt, and can be unlocked and rotated by moving the catch as shown in cut; the exact location of each Drill Point is shown at a glance, they being contained in separate numbered compartments; after removing the Drill Point the cap is turned until locked, and no amount of use can unlock it,—this can only be done by moving the catch at the side.

The end nut by which the jaws are tightened is large, knurled the entire length, insuring a good grip, and a simple mechanism is so arranged that this nut cannot be turned off; it can only be removed by pulling sufficiently hard to relieve the spring tension, although for actual use it is tightened and loosened in the same manner as an ordinary one.

The shanks of the Drill Points are so milled that when properly fastened in the Chuck they cannot be pulled out when in use.

Eight Drill Points, varying in size from $\frac{1}{8}$ to $\frac{1}{4}$, furnished with each tool.

The Drill itself without any Points is 10 inches long, full polished and nickel plated.

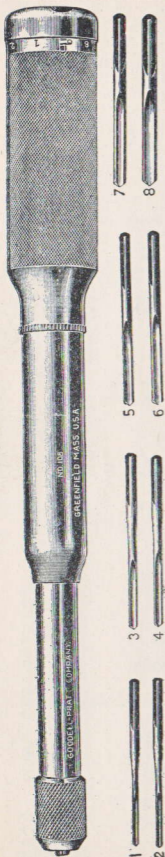
Price, per dozen, (CANILE) \$30.00

Packed one in a box, $10\frac{1}{4} \times 1\frac{1}{2} \times 1\frac{1}{4}$ inches.

Weight, per dozen, 8 pounds.

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Automatic Drill

No. 105

This tool was gotten up to supply the demand for an Automatic Drill of very moderate price.

It is often convenient for a mechanic to have several tools of this character about his workshop or his tool chest, and it is not necessary that they should all be equipped with expensive mechanism.

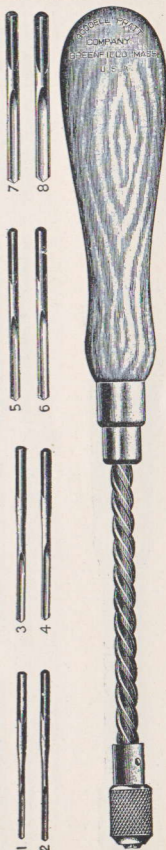
This Drill is $13\frac{1}{4}$ inches long, has a polished hard wood handle, steel spiral, nickel-plated socket, sleeve and end nut.

Each tool furnished with 8 Drill Points from $\frac{1}{16}$ to $\frac{11}{16}$ as shown in cut.

Price, per dozen (CALER) \$12.00

Packed one in a box, $13\frac{1}{2} \times 1\frac{3}{4} \times 1\frac{3}{4}$ inches.

Weight, per dozen, 9 pounds.





Automatic Drill

No. 1

NICKEL PLATED

Experience having taught us that the style of handle formerly used upon our No. 1 Automatic Drills is apt, on continued use, to hurt the hand, we have, after considerable experimenting, produced one with the end slightly enlarged and perfectly smooth, and having longitudinal corrugations as shown in the cut; these corrugations insure a good grip and the smooth end does not hurt the hand.

We think this style will receive general approval.

The Drill is $9\frac{1}{2}$ inches long, made of hollow brass, nickel plated, giving it a neat appearance and making it light to use.

Eight Drill Points, varying in size from $\frac{1}{16}$ to $\frac{1}{8}$ inch, are furnished with each tool, and are fitted to be instantly and firmly secured in the chuck, and by pressing the handle they are rapidly rotated.

Price, per dozen(CARROM) \$24.00

For extra Drill Points, see page 15.

Each Drill packed in a neat tin box, $9\frac{1}{4} \times 1\frac{3}{8} \times 1$ inches.

Weight, per dozen, 7 pounds.

Automatic Drill

No. 2

Nickel plated, with Cocobolo Handle.

The Goodell Automatic Drill No. 2 is exactly like the No. 1, only that it has a cocobolo handle.

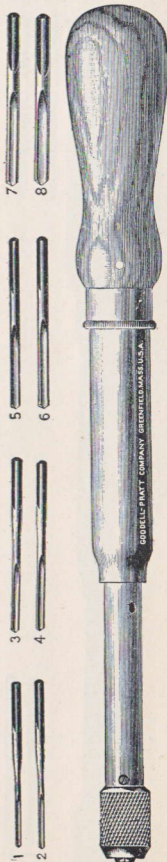
Eight Drills with each tool.

Price, per dozen..... (CAMEL) \$24.00

For extra Drill Points, see page 15.

Each Drill packed in a neat tin box,
9 $\frac{3}{4}$ x 1 $\frac{3}{8}$ x 1 inches.

Weight, per dozen, 7 pounds.



Automatic Drill

No. 3

Patented September 30, 1890; November 17, 1891

NICKEL PLATED



This Automatic Drill embraces a feature heretofore not used in the construction of similar tools, and is covered by patents as above stated. The Drill Points are all contained in the handle, each in a separate compartment; the exact location of each size is seen at a glance, as the numbers designating each are upon the outside. When in use or not in use it stands at blank 0, as shown in sketch "A," and a pin is forced upward into the hole and prevents the cap from turning until such time as the operator desires to remove a Drill Point, when, by pressing slightly upon the pin which fills the hole from which the Drill Points are taken out, the cap can be turned either to right or left, until the hole is opposite the desired number, when the point can be readily removed, as shown in sketch "B." Then the cap is turned again until the hole is at blank 0.

The use of this Drill will save the operator much valuable time, both in hunting for Drill Points which may have been lost and in selecting the exact size which he may desire to use.

The tools are made of hollow brass, and are nickel plated.

Price, per dozen (CASH) \$26.00

Each Drill packed in a strong paper box, 10 x 1 1/4 x 1 1/4 inches.

Shipping weight, per dozen, 7 pounds.

Goodell-Pratt Company

Automatic Drill

No. 3 $\frac{1}{2}$

Patented September 30, 1890; November 17, 1891

This Drill varies from the No. 3 only in the handle, the upper part of this one being made of polished hard wood, which, as a matter of choice, is sometimes preferred. The mechanism of both is identical.

Eight Drill Points, varying in size from $\frac{1}{16}$ to $\frac{1}{4}$ inch, are furnished with each tool, and are fitted to be instantly and firmly secured in the chuck, and by pressing the handle they are rapidly rotated.



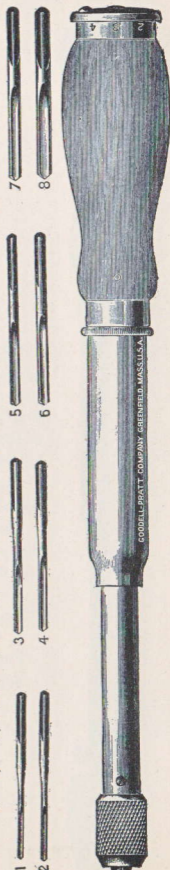
The Drill Points are all contained in the handle, each in a separate compartment; the exact location of each size is seen at a glance, as the numbers designating each are upon the outside. When in use or not in use it stands at 0, as shown in sketch "A," and a pin is forced upward into the hole and prevents the cap from turning until such time as the operator desires to remove a Drill Point, when, by pressing slightly upon the pin which fills the hole from which the Drill Points are taken out, the cap can be turned to either right or left, until the hole is opposite the desired number, when the point can be readily removed, as shown in sketch "B." Then the cap is turned again until the hole is at blank 0.

The use of this Drill will save the operator much valuable time, both in hunting for Drill Points which may have been lost, and in selecting the exact size which he may desire to use.

Price, per dozen (CARBOY) \$25.00

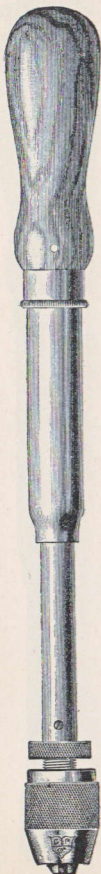
Each Drill packed in a strong paper box,
10 $\frac{1}{2}$ x 1 $\frac{3}{4}$ x 1 $\frac{1}{2}$ inches

Shipping weight, per dozen, 8 pounds.



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Automatic Drill

No. 35

No Drill Points Furnished with this Tool

With three-jawed Chuck, 0 to $\frac{1}{4}$ inch

This Automatic Drill is of the same general form of construction as our No. 2, with the exception that it is fitted with a three-jawed Chuck, capacity 0 to $\frac{1}{4}$ inch, enabling the operator to use Twist Drills of different lengths, often a great convenience upon special work.

The Chuck will hold accurately and well any round-shank Drill up to its capacity.

The finish of the tool is the same as our Automatic Drill No. 2; the material is brass, full polished and nickeled; the Handle is of cocobolo.

Price, per dozen(CARDILE) \$36.00

Packed one in a box, $11\frac{1}{2}$ x $1\frac{3}{4}$ x $1\frac{3}{4}$ inches.

Weight, per dozen, 9 pounds.

Automatic Punch

No. 34

A very ingenious and useful tool for punching holes in paper, cloth, or leather.

"You push the handle, the Punch does the rest."

The tool consists of one of our regular Automatic Drills, No. 2 style, equipped with a set of special Punches, four in number, with shanks so formed as to fit firmly and securely in the Chuck; by pushing the handle the punch is rotated and the hole is made.

The Punches are the exact size shown in the cut, made from the best quality of steel, oil-tempered.

The price includes the Drill and four punches as shown in cut.

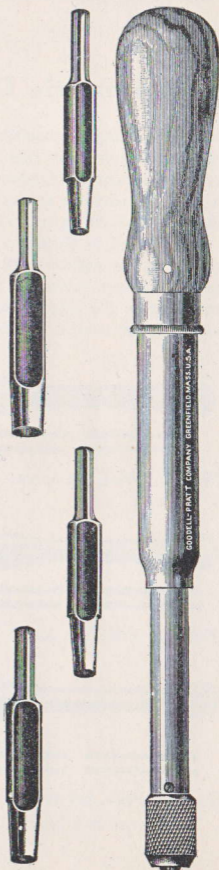
Size of Punches, $\frac{9}{64}$, $\frac{11}{64}$, $\frac{8}{16}$, $\frac{13}{64}$.

Per dozen.....(CARPUN) \$36.00

Packed one in a box, $10\frac{1}{2} \times 1\frac{3}{4} \times 1\frac{3}{4}$ inches.

Weight, per dozen, 8 pounds.

Extra Punches, each, \$0.25.



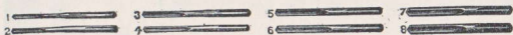
Automatic Drills. Dull Finish

The working mechanism of these tools does not differ in the slightest degree from that in our more expensive styles; they are entirely without finish, however, being left in Dull Nickel, affording a quite considerable saving in cost and a corresponding reduction in price at which we are able to offer them.

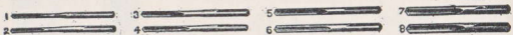
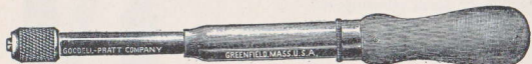
Each Drill is furnished with eight Drill Points of the same quality as our regular Drill Points; they are packed and put up in neat pasteboard boxes; in fact, and you will pardon us for again referring to the matter they are identical with our other styles except in the matter of finish.

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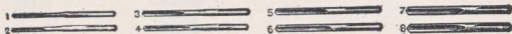
14



No. 01. Price, per dozen(OCARROM) \$18.00



No. 02. Price, per dozen(OCAMEL) \$18.00



No. 03. Price, per dozen(OCANOPEY) \$20.00

Packed one in a box.









Goodell-Pratt Company

Goodell-Pratt Drill Points

Fluted Shanks

Fitting Automatic Drills.

These Points are manufactured from the finest grade of steel.









Nos.	1	2	3	4	5	6	7	8
								
Sizes about	$\frac{1}{16}$	$\frac{5}{64}$	$\frac{3}{32}$	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{9}{64}$	$\frac{5}{32}$	$\frac{11}{64}$

Price, per dozen \$0.72

Furnished in sets if desired.

Goodell-Pratt Drill Points

Plain Shanks

Nos.	1	2	3	4	5	6	7	8
								
Sizes about	$\frac{1}{16}$	$\frac{5}{64}$	$\frac{3}{32}$	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{9}{64}$	$\frac{5}{32}$	$\frac{11}{64}$

The above small Drills are the same that we furnish with several styles of our Hand Drills, and can be held in any three-jawed Chuck; they have straight Flutes and are very desirable for drilling wood or the soft metals.

They are made from the finest quality of tool steel, tempered in oil, and carefully ground.

Price, per dozen \$0.72

Furnished in sets or solid sizes, as specified.

Reciprocating Automatic Drill

No. 0

For Iron, Brass, or Wood

There has been an unsupplied demand for a tool of this character, capable of drilling with comparative ease $\frac{1}{4}$ -inch Twist Drills in iron; for while a tool of this character cannot take the place of an Automatic Drill made to be operated by the use of a single hand, for the simple reason that it is intended for a different class of work, it will nevertheless be found a valuable addition to any mechanic's kit.

This tool will be found very useful for drilling holes where Braces, Breast Drills, or Hand Drills cannot be conveniently brought into play.

In its construction we have endeavored to eliminate errors which are too plainly apparent upon other similar tools; the angle slant of the Spiral is twenty degrees, minimizing the friction and magnifying the power; the Traveling Handle is of polished cherry, shaped so as to insure an easy and comfortable grip for the hand of the operator; the internal mechanism is extremely simple and will not get out of order; the Head is of lignum-vitæ, supported by a heavy quill running in ball-bearings; the three-jawed Chuck has a capacity to $\frac{1}{4}$ inch.

The above brief description covers, we believe, the essential points. The finish and appearance of the tool are up to our usual standard, and we do not hesitate to say that it surpasses in every way any tool of this character which has heretofore been shown.

No Drills furnished without extra charge.

Price, per dozen.....(CAMPER) \$30.00

Packed one in a box, $16\frac{3}{4} \times 2\frac{1}{2} \times 2\frac{1}{2}$ inches.

Weight, $1\frac{1}{4}$ pounds each.

Length, $16\frac{1}{2}$ inches.

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Reciprocating Drill

No. 101

For Iron, Brass, or Wood

This tool has a wood Traveling Handle $4\frac{1}{8}$ inches long, of polished cherry, otherwise it is exactly like our No. 0 shown and described on the preceding page.

It has a steel Spiral with an angle slant of 20° . The Traveling Handle is long enough to admit the whole hand, a very essential feature for vertical work; it is particularly adapted to the use of boat builders. The Head is of lignum-vitæ, supported by a heavy quill running in ball-bearings.

The three-jawed Chuck has a capacity to $\frac{1}{4}$ inch.

The Spiral is polished, other metal parts are nickel plated.

The extreme length of the tool is $16\frac{1}{2}$ inches.

No Drill Points furnished without extra charge.

Price, per dozen(CLATE) \$30.00

Packed one in a box, $16\frac{3}{4} \times 2\frac{1}{2} \times 2\frac{1}{2}$ inches.

Weight, $1\frac{1}{4}$ pounds each.

Length, $16\frac{1}{2}$ inches.



Reciprocating Automatic Drill

No. 102

For Iron, Brass, or Wood

A very ingenious combination made by attaching a magazine handle to a short spiral similar to that used on our other styles of Reciprocating Automatic Drills.

This tool will be found very valuable for jewelers, clock-makers, gunsmiths, in fact, for any work requiring a hand drilling tool for small work.

It is equipped with a three-jawed Chuck, capacity 0 to $\frac{5}{32}$ inch, also with 8 Drill Points varying in size from $\frac{1}{16}$ to $\frac{1}{4}$, each contained in a separate numbered compartment in the handle.

The angle slant of the Spiral is 20° , minimizing the friction and magnifying the power.

Extreme length of tool, 13 inches.

The end thrust is provided with ball-bearings.

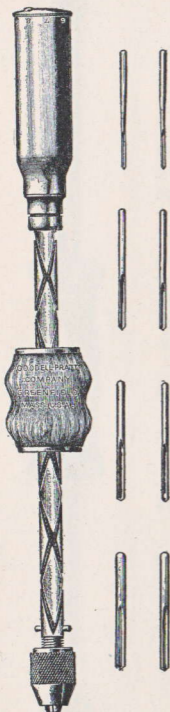
The Handle and Chuck are nickel plated, all other steel parts polished bright.

List, per dozen (CENTER) \$27.00

Packed one in a box, $13\frac{1}{2} \times 1\frac{3}{4} \times 1\frac{3}{4}$ inches.
Weight, 14 ounces.

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Automatic Breast Drill

No. 103

While this tool is capable of doing work in brass or iron, it is particularly intended for a wood boring drill for small sizes up to $\frac{1}{4}$ inch. Ordinary straight shank Twist Drills should be used in connection with it, it being fitted with a Chuck capable of holding drills up to its extreme capacity.

It has a Breast Plate supported by ball-bearings. The Traveling Handle is provided with two Side Handles, enabling the operator to use both hands on the driving mechanism.

The angle slant of the Spiral is 20° , capable of generating all necessary power.

The general construction and finish of this tool is quite similar to the No. 0 and No. 101 shown on the preceding pages.

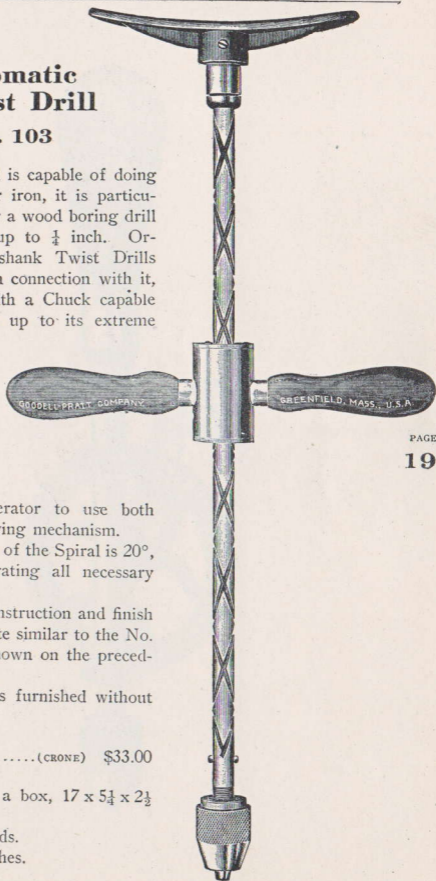
No Twist Drills furnished without extra charge.

Price, per dozen.....(CRONE) \$33.00

Packed one in a box, $17 \times 5\frac{1}{4} \times 2\frac{1}{2}$ inches.

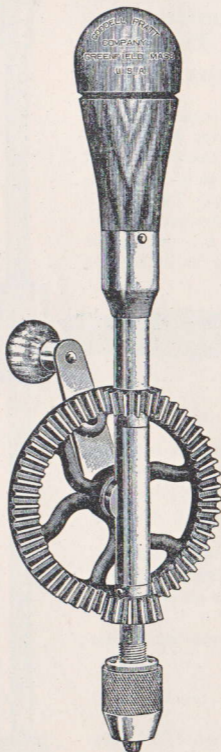
Weight, 2 pounds.

Length, $16\frac{1}{2}$ inches.



Goodell-Pratt Company

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Goodell-Pratt Company

Hand Drill

No. 52

Capacity 0 to $\frac{5}{8}$ inch

Chuck Patented August 13, 1895

This new Hand Drill, and the other styles and sizes completing the series shown and described on the following pages, make up our new line of Steel Frame Hand and Breast Drills.

In appearance we believe they are even more attractive than those constructed with malleable iron frames; the general character of the mechanism and class of workmanship are very similar.

LENGTH OVER ALL.— $10\frac{1}{2}$ inches.

FRAME.—All steel, polished, and nickel plated.

HANDLE.—Polished cocobolo with screw cap.

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GEARS.—All three gears, the large rack and the two small pinions, have cut teeth, and are nickel plated to prevent rusting; these pinions running on opposite sides of the large gear equalize the bearing.

CHUCK.—Three-jawed, capacity 0 to $\frac{5}{8}$ inch, with knurled nickel-plated shell. Will hold Drills furnished with it or any Twist Drills from $\frac{5}{8}$ to No. 80.

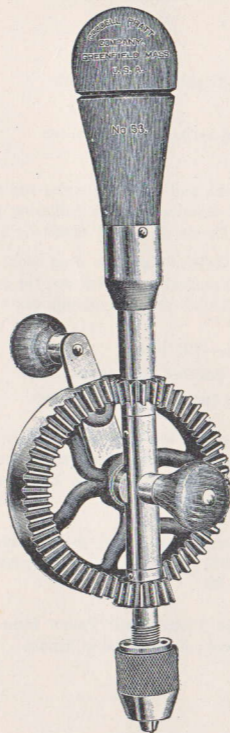
EQUIPMENT.—Eight Fluted Drill Points from $\frac{1}{16}$ to $\frac{1}{4}$ inch furnished with each tool, all contained in handle.

Price, per dozen.....(ROST) \$22.00

Packed one in a box, $11 \times 3\frac{1}{4} \times 2\frac{1}{4}$ inches.

Weight, 1 pound.

Goodell-Pratt Company



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Hand Drill

No 53

Capacity 0 to $\frac{5}{32}$ inch

Chuck Patented August 13, 1895

This Hand Drill is of the same size as No. 52 shown and described on the preceding pages. The rack gear has a wide face which can be used in place of the crank handle for delicate work. It has also the added convenience of a small side handle as shown in cut.

LENGTH OVER ALL.—10 inches.

FRAME.—All steel, polished, and nickel plated.

HANDLES.—Large Handle, polished cocobolo with screw cap; Small Side Handle is also made of polished cocobolo.

GEARS.—All three gears, the large rack with the wide face, and the two small pinions, have cut teeth and are nickel plated to prevent rusting; these pinions running on opposite sides of the large gear equalize the bearing.

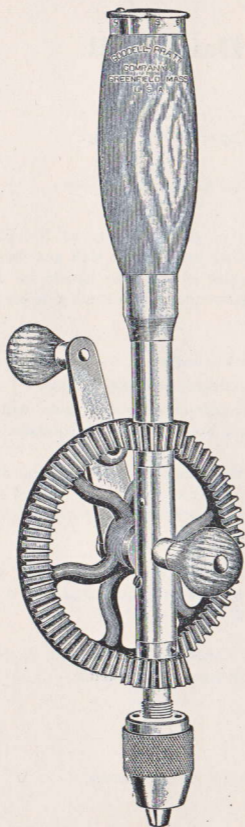
CHUCK.—Three-jawed, capacity 0 to $\frac{5}{32}$ inch, with knurled nickel-plated shell. Will hold Drills furnished with it or any Twist Drills from $\frac{5}{32}$ to No. 80.

EQUIPMENT.—Eight Fluted Drill Points from $\frac{1}{16}$ to $\frac{1}{4}$ inch furnished with each tool, all contained in handle.

Price, per dozen.....(RIST) \$24.00

Packed one in a box, $10\frac{3}{4} \times 4 \times 3\frac{1}{4}$ inches,

Weight, $1\frac{3}{8}$ pounds,



Hand Drill

No. 54

Capacity 0 to $\frac{1}{4}$ inch

Chuck Patented August 13, 1895

Handle Patented September 30, 1890, November 17, 1891

This Drill having a larger Chuck capacity is a little longer and heavier than those described on the four preceding pages.

LENGTH OVER ALL,— $11\frac{1}{2}$ inches.

FRAME.—All steel, polished, and nickel plated.

HANDLES.—Polished hard wood. The large handle has a magazine turret head with a separate compartment for each of the eight Drill Points.

GEARS.—All three gears, the large rack, and the two small pinions, have cut teeth and are nickel plated to prevent rusting.

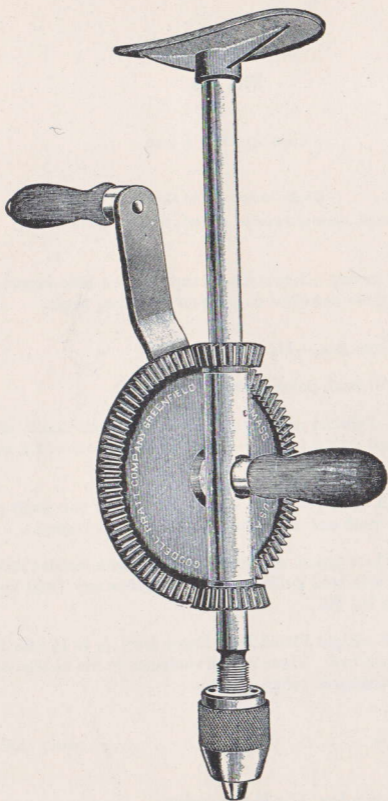
CHUCK.—Three-jawed, capacity 0 to $\frac{1}{4}$ inch, with knurled nickel-plated shell. Will hold Drills furnished with it or any Twist Drills from $\frac{1}{4}$ inch to No. 80.

EQUIPMENT.—Eight Fluted Drill Points from $\frac{1}{16}$ to $\frac{1}{8}$ inch furnished with each tool. These are all contained in the handle, each in a separate numbered compartment.

Price, per dozen(RUST) \$32.00

Packed one in a box, $12 \times 3\frac{3}{4} \times 3\frac{1}{4}$ inches.

Weight, $1\frac{5}{8}$ pounds.



Breast Drill

No. 55

Capacity 0 to $\frac{3}{8}$ inch

Chuck Patented August 13, 1895

For Round Shanks Only

This Breast Drill, while double geared, has only one speed, both pinions running on the outside of the rack gear.

FRAME.—All steel, polished, and nickel plated.

LENGTH OVER ALL.— $14\frac{1}{2}$ inches.

GEARS.—All cut teeth.

BREAST PLATE.—Adjustable.

CHUCK.—Three-jawed, with knurled nickel-plated shell running on a thread so fine that no stop-catch or similar device is necessary. This Chuck will hold round shank Twist Drills from $\frac{3}{8}$ inch down to No. 80.

HANDLES.—Polished hard wood.

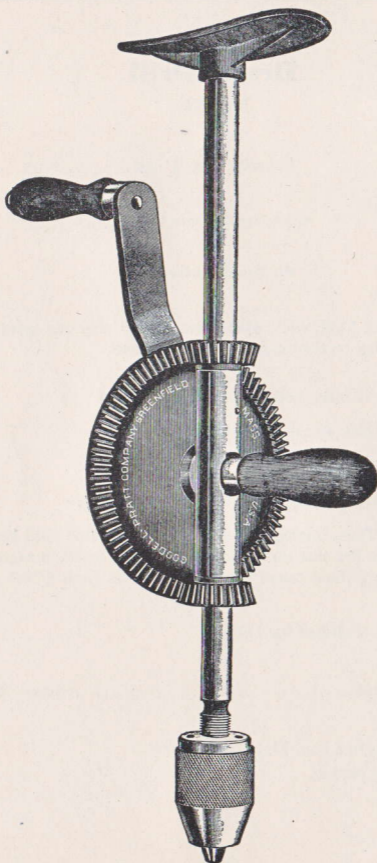
Price, per dozen.....(RUTE) \$42.00

Packed one in a box, $15 \times 6\frac{1}{2} \times 2\frac{3}{4}$ inches.

Weight, $4\frac{1}{2}$ pounds.

Goodell-Pratt Company

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Breast Drill

No. 56

Capacity 0 to $\frac{1}{2}$ inch

Chuck Patented August 13, 1895

For Holding Round Shanks Only

This Breast Drill, while double geared, has only one single speed, both pinions running on the outside of the rack gear.

FRAME.—All steel, polished, and nickel plated.

LENGTH OVER ALL.—15 inches.

GEARS.—All cut teeth.

BREAST PLATE.—Adjustable.

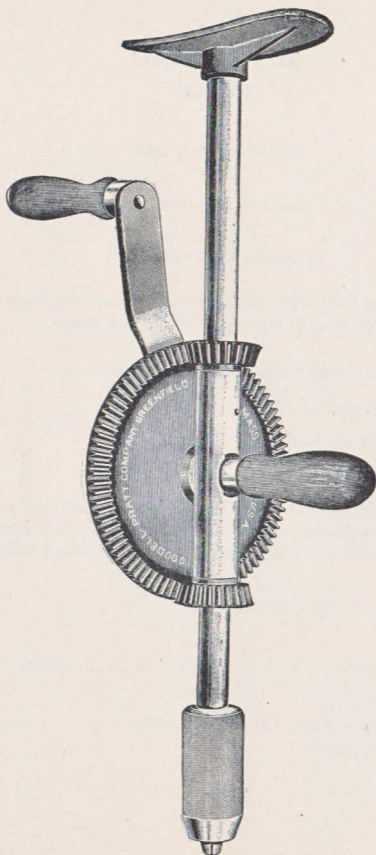
CHUCK.—Three-jawed, with knurled nickel-plated shell running on a thread so fine that no stop-catch or similar device is necessary. This Chuck will hold round shank Twist Drills from $\frac{1}{2}$ inch down to No. 80.

HANDLES.—Polished hard wood.

Price, per dozen.....(RUEX) \$48.00

Packed one in a box, $15\frac{1}{4} \times 6\frac{1}{4} \times 2\frac{3}{4}$ inches

Weight, $4\frac{1}{2}$ pounds.



Breast Drill

No. 57

For Square Shanks

The Chuck on this tool is intended for holding square shanks only, and is furnished with but one pair of jaws. The construction is identical with the No. 56 shown on the preceding pages except in the Chuck; the one used upon this tool is the same that we use upon our No. 07, shown and described on pages 50 and 51.

FRAME.—All steel, polished, and nickel plated.

LENGTH OVER ALL.— $14\frac{1}{2}$ inches.

GEARS.—All cut teeth.

BREAST PLATE.—Adjustable.

CHUCK.—Two-jawed, for holding square shanks only.

HANDLES.—Polished hard wood.

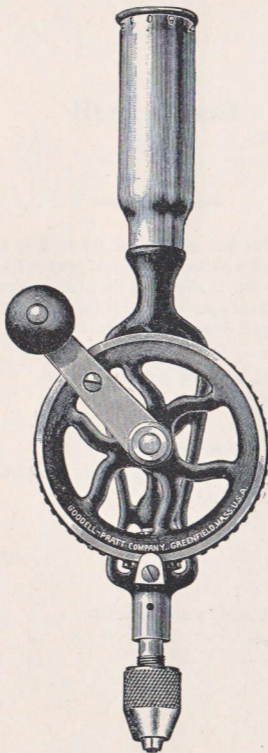
PAGE

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Price, per dozen (RULET) \$33.00

Packed one in a box, $15 \times 6\frac{1}{4} \times 2\frac{3}{4}$ inches.

Weight, $4\frac{1}{4}$ pounds.



Hand Drill

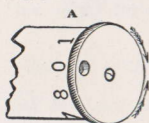
No. 4

Capacity 0 to $\frac{5}{32}$ inch

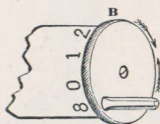
Chuck Patented August 13, 1895

A glance at the cut upon the opposite page cannot fail to give a good description of this tool. The handle is of hollow brass, nickel plated, used as a receptacle for the Drill Points, each contained in a separate numbered compartment.

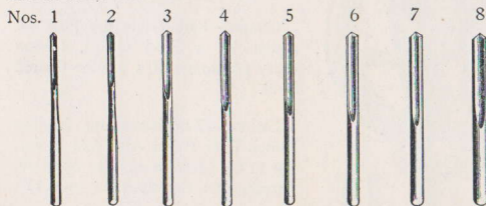
Diagram "A" shows Drill Cap in use; "B" when removing a No. 8 Drill Point.



This is the same arrangement as used upon the Goodell Automatic Drill No. 3.



Each Drill is fitted with eight fluted Drill Points, represented here at about two-thirds size.



These Points are the same as our Automatic Drill Points, except they have straight shanks, not milled.

The frame is of malleable iron, strong and light. The large and small gears are both cut, and run smoothly without hitching. The steel Chuck is a model one, with knurled nut, well finished, and three hardened steel jaws which will hold equally well the Fluted Drills in the handle or any Twist Drill from $\frac{5}{32}$ inch down to No. 80.

Price, per dozen (RANGER) \$26.00

Each Drill packed in a strong pasteboard box, 11 x 3 $\frac{1}{4}$ x 2 $\frac{1}{4}$ inches.

Weight, per dozen, 16 pounds.

Hand Drill

No. 110

With Chuck for holding Fluted Shank Drills only.

The general features of this Drill are the same as No. 49, described on page 35, except in the Chuck and equipment.

HANDLE.—Brass, White Nickerled.

FRAME.—Malleable Iron, well Japanned.

GEARS.—Cut Teeth, Nickel Plated.

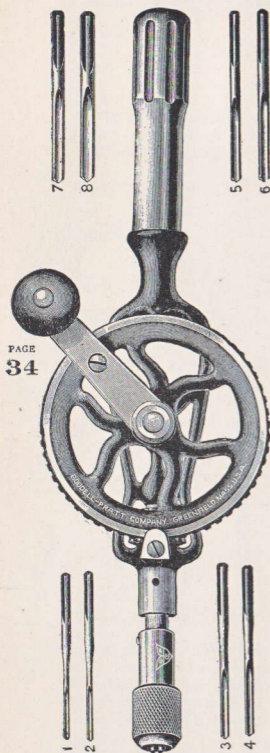
GUARD.—Both Gears are held together by a Steel Guard, having every advantage of a Double Geared Drill.

CHUCK.—Two-jawed for holding Fluted Drill Points only, and is similar to the Chuck used upon our Drill Attachments, described on page 117,

EQUIPMENT.—Eight Drill Points, varying in size from $\frac{1}{16}$ to $\frac{11}{64}$, furnished with each tool.

Price, per dozen.....(RESORT) \$15.00

Each Drill packed one in a box, 8 x 3½ x 1½ inches.



Hand Drill

No. 49

Capacity 0 to $\frac{5}{32}$ inch

Chuck Patented August 13, 1895

No Drill Points Furnished with this Tool

The general features of this Drill are the same as No. 4, described on pages 32 and 33, except that this tool has a plain nickel-plated brass handle.

HANDLE.—Brass, White Nickerled.

FRAME.—Malleable Iron, well Japanned.

GEARS.—Cut Teeth, Nickel Plated.

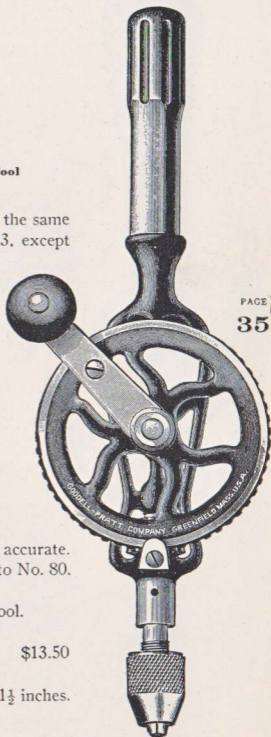
GUARD.—Both Gears are held together by a Steel Guard, having every advantage of a Double Geared Drill.

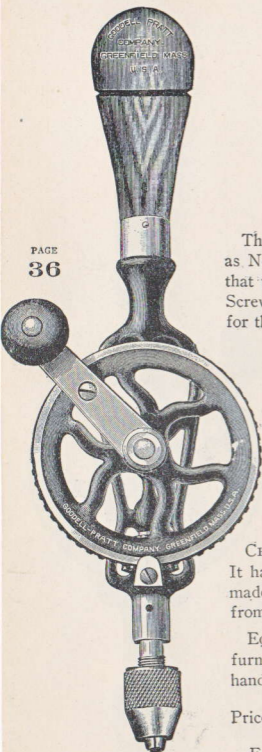
CHUCK. — Three-jawed; capacity 0 to $\frac{5}{32}$ inch. It has Knurled Nut, Nickel Plated, and is well made and accurate. Will hold any Twist Drill from $\frac{5}{32}$ inch to No. 80.

No Drill Points furnished with this tool.

Price, per dozen (RABBIN) \$13.50

Each Drill packed in a box, $7\frac{3}{4} \times 3\frac{1}{2} \times 1\frac{1}{2}$ inches.





Hand Drill

No. 4 $\frac{1}{2}$

Capacity 0 to $\frac{5}{8}$ inch

Chuck Patented August 13, 1895

The general features of this Drill are the same as No. 4, described on pages 32 and 33, except that this tool has a polished Wood Handle with Screw Cap, the same being used as a receptacle for the eight Drill Points furnished with it.

HANDLE.—Polished Cocobolo, with Screw Cap.

FRAME.—Malleable Iron, well Japanned.

GEARS.—Cut Teeth, Nickel Plated.

GUARD.—Both Gears are held together by a Steel Guard, having every advantage of a Double Geared Drill.

CHUCK.—Three-jawed; capacity 0 to $\frac{5}{8}$ inch. It has Knurled Nut, Nickel Plated, and is well made and accurate. Will hold any Twist Drill from $\frac{5}{8}$ inch to No. 80.

EQUIPMENT.—Eight Fluted Drill Points are furnished with each tool, all contained in the handle.

Price, per dozen (RANKLE) \$20.00

Each Drill packed in a box, 11 x 3 $\frac{1}{4}$ x 2 $\frac{1}{4}$ inches.

Weight, per dozen, 14 $\frac{1}{2}$ pounds.

Hand Drill

No. 05

Capacity 0 to $\frac{1}{4}$ inch

No Drill Points Furnished with this Tool

Chuck Patented August 13, 1895

This Drill has capacity to $\frac{1}{4}$ inch, and is correspondingly larger and heavier than No. 4 or No. 4 $\frac{1}{2}$.

HANDLE.—Polished Hard Wood.

EXTRA SIDE HANDLE.—Polished Hard Wood; can be removed at will.

FRAME. — Malleable Iron, well Japanned.

GEARS. — Cut Teeth, Nickel Plated.

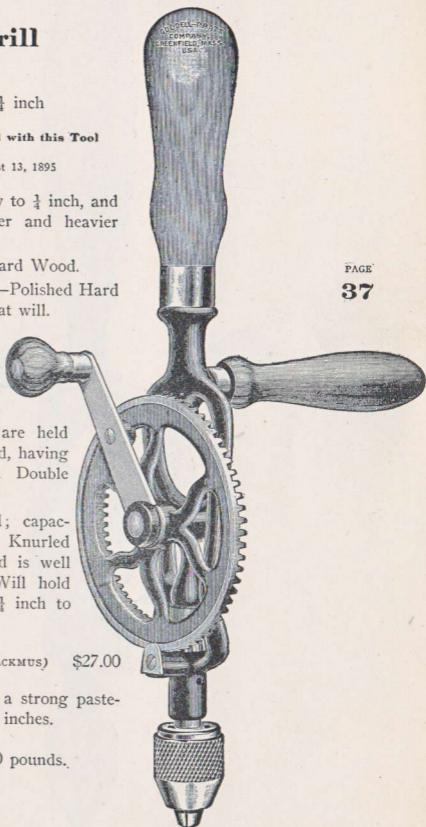
GUARD.—Both gears are held together by a steel guard, having every advantage of a Double Geared Drill.

CHUCK.—Three-jawed; capacity 0 to $\frac{1}{4}$ inch. It has Knurled Nut, Nickel Plated, and is well made and accurate. Will hold any Twist Drill from $\frac{1}{4}$ inch to No. 80.

Price, per dozen (RACKMUS) \$27.00

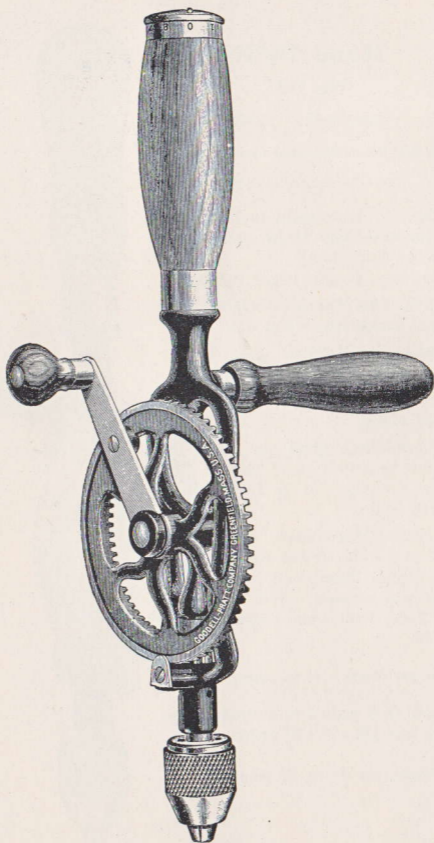
Each Drill packed in a strong paste-board box, 12 $\frac{3}{4}$ x 3 $\frac{3}{4}$ x 2 $\frac{1}{2}$ inches.

Weight, per dozen, 20 pounds.



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Hand Drill

No. 5

Capacity 0 to $\frac{1}{4}$ inch

Chuck Patented August 13, 1895

This Drill has capacity to $\frac{1}{4}$ inch, and is correspondingly larger and heavier than No. 4 or No. 4 $\frac{1}{2}$.

HANDLE.—Polished Hard Wood, with Patent Drill Receptacle.

EXTRA SIDE HANDLE.—Polished Hard Wood, can be removed at will.

FRAME.—Malleable Iron, well Japanned.

GEARS.—Cut Teeth, Nickel Plated.

GUARD.—Both Gears are held together by a steel guard, having every advantage of a Double Geared Drill.

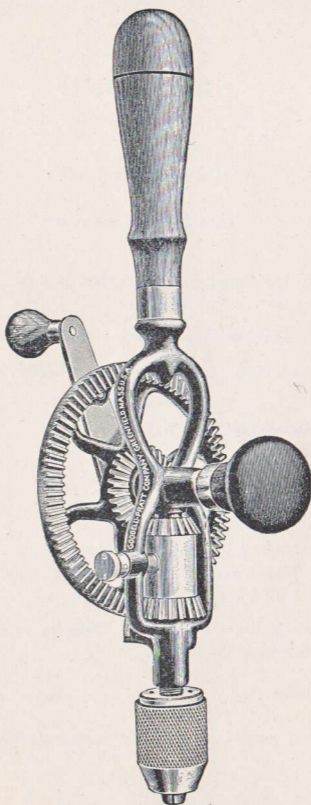
CHUCK.—Three-jawed; capacity 0 to $\frac{1}{4}$ inch. It has Knurled Nut, Nickel Plated, and is well made and accurate. Will hold any Twist Drill from $\frac{1}{4}$ inch to No. 80.

EQUIPMENT.—Eight Fluted Drill Points are furnished with each tool, all contained in the handle.

Price, per dozen (RACKET) \$36.00

Each Drill packed in a strong pasteboard box, 12 $\frac{3}{4}$ x 3 $\frac{3}{4}$ x 2 $\frac{1}{2}$ inches.

Weight, per dozen, 20 pounds.



Hand Drill

No. 5 $\frac{1}{2}$

Capacity 0 to $\frac{3}{8}$ inch

Patented August 13, 1895; March 31, 1896

This Drill embraces features never before used upon tools of this character, and is unquestionably the finest ever produced.

It has Double Gears, Two Speeds, and a Chuck, with capacity to $\frac{3}{8}$ inch, as noted below.

FRAME.—Malleable Iron, Japanned.

HANDLE.—Polished Cocobolo, Screw Cap.

GEARS.—Cut Teeth.

SPEEDS.—It has Two Speeds, changed by turning the nut on the frame marked "F" and "S."

CHUCK.—Three-jawed; capacity 0 to $\frac{3}{8}$ inch. It has Knurled Nut, Nickel Plated, well made and accurate.

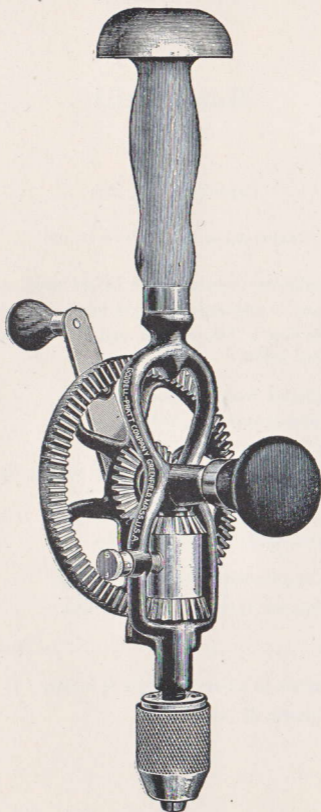
Spindle runs in a hardened steel cone bearing.

No Drill Points are furnished with this tool.

Price, per dozen (RACCOON) \$42.00

Each Drill packed in a box, 15 x 4 $\frac{1}{4}$ x 3 $\frac{1}{4}$ inches.

Weight, per dozen, 32 pounds.



Hand and Breast Drill

No. 5 $\frac{1}{2}$ B

Capacity 0 to $\frac{3}{8}$ inch

Patented August 13, 1895; March 31, 1896

This tool is intended to fill a long-felt want for a Combination Hand and Breast Drill, the shape of the handle admitting of its use the latter way.

Its capacity is to $\frac{3}{8}$ inch; and it has two speeds, facilitating the use of large-size drills.

It has Double Gears, Two Speeds, and a Chuck, with capacity to $\frac{3}{8}$ inch, as noted below.

FRAME.—Malleable Iron, Japanned.

HANDLE.—Polished Hard Wood, Large Head.

GEARS.—Cut Teeth.

SPEEDS.—It has Two Speeds, changed by turning the nut on the frame marked "F" and "S."

CHUCK.—Three-jawed; capacity 0 to $\frac{3}{8}$ inch. It has Knurled Nut, Nickel Plated, well made and accurate.

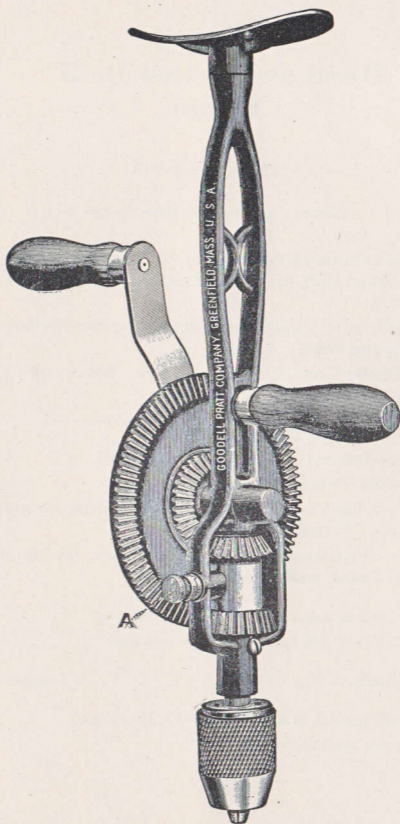
Spindle runs in a hardened steel cone bearing.

No Drill Points are furnished with this tool.

Price, per dozen (RECAVE) \$42.00

Each Drill packed in a box, 15 x 4 $\frac{1}{4}$ x 3 $\frac{1}{4}$ inches.

Weight, per dozen, 33 pounds.



Goodell-Pratt Company

Breast Drill

No. 6

Patented August 13, 1895; March 31, 1896

We are herewith offering to the trade what we are confident is by far the most complete tool of the kind on the market. The cut shows all the general features; its special ones we enumerate as follows:

It has a Three-Jawed Chuck, capacity 0 to $\frac{1}{2}$ inch. It is Double Geared, one gear remaining "idle" and acting as an anti-friction bearing when the other is at work.

All Gears have Cut Teeth. It has Two Speeds and can be changed from fast to slow by turning the thumb nut at "A" until the letter representing desired speed is nearest the Chuck.

The Breast Plate is adjustable and its position can be changed if desired.

The Spindle runs in a hardened steel cone bearing.

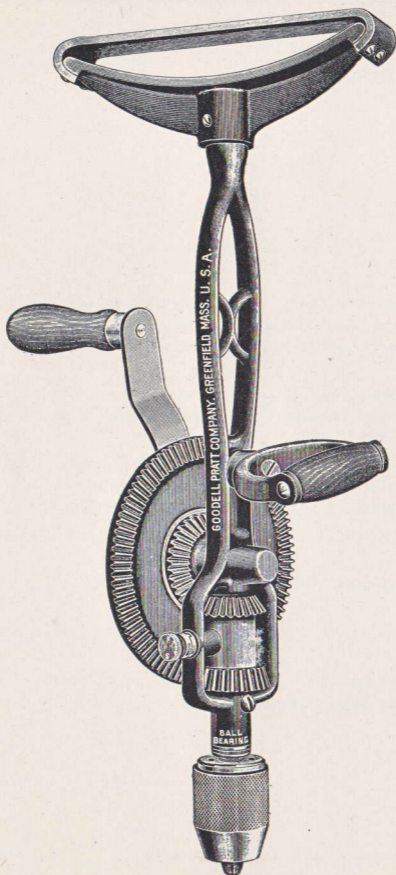
Price, per dozen (RACER) \$48.00

Each Drill packed in a strong box, $17 \times 5\frac{3}{4} \times 3\frac{1}{4}$ inches.

Weight, per dozen, 60 pounds.

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Breast Drill

No. 20

Fitted with Ball Bearings

Patented August 13, 1895; March 31, 1896

In size and capacity this tool is identical with the No. 6 shown and described on the preceding pages. It has, however, embodied in its construction numerous improvements making it particularly desirable for heavy duty or continuous use.

FRAME.—Malleable Iron, Japanned.

GEARS.—All Cut Teeth.

SPEEDS.—It has Two Speeds, changed by shifter marked "F" and "S."

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BREAST PLATE.—Saddle design, large and heavy, with leather top, adding much to the ease of operating

CHUCK.—Three-Jawed, well made and Nickel Plated, for holding Round Shanks from 0 to $\frac{1}{2}$ inch.

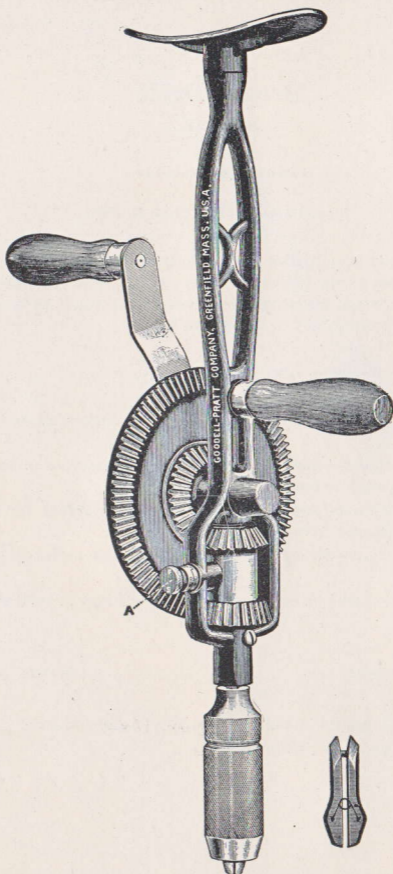
SIDE HANDLE.—Heavy grip pattern, particularly useful on heavy work.

SPINDLE.—Lathe turned, fitted with ball bearings at point shown in cut.

Price, per dozen (RAFTER) \$60.00

Each Drill packed in a strong box, 17 x 5 $\frac{3}{4}$ x 3 $\frac{1}{4}$ inches.

Weight, per dozen, 85 pounds.



Breast Drill

No. 7

Patented March 31, 1896

This Drill is the same in every particular as the No. 6, shown on pages 44 and 45, except that it has an Improved Brace Chuck and Two Sets of Jaws, one for holding square shanks and one round shanks.

FRAME.—Malleable Iron, Japanned.

GEARS.—All Cut Teeth.

SPEEDS.—It has Two Speeds, changed by turning the nut at "A."

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BREAST PLATE.—Adjustable; its position can be changed if desired.

CHUCK.—Well made and Nickel Plated; runs on a thread so fine that no stop catch or other similar device is necessary.

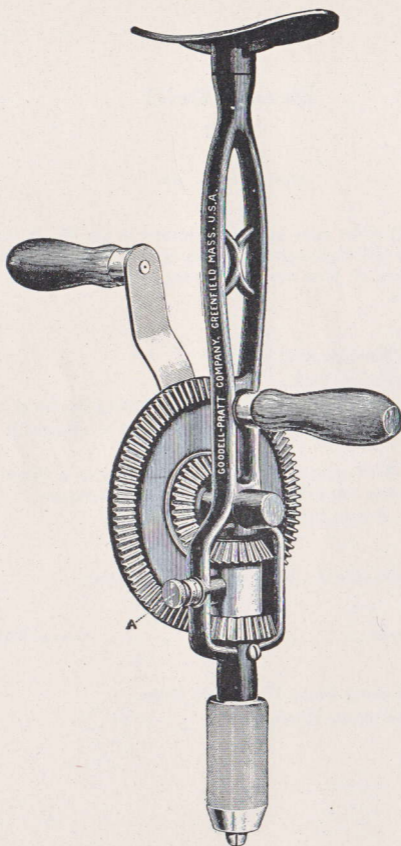
HANDLE.—Polished Hard Wood.

The Spindle runs in a hardened steel cone bearing.

Price, per dozen (RADISH) \$42.00

Packed in strong boxes, $17 \times 5\frac{1}{4} \times 3\frac{1}{4}$ inches.

Weight, per dozen, 60 pounds.



Breast Drill

No. 07

For Square Shanks

This Breast Drill is identical with our No. 7, except in the Chuck.

The Chuck of this tool is intended to hold square shanks only; no extra Jaws are furnished with it.

The construction is on the order of a regular Bit Brace Chuck, and of a form somewhat simpler than the one used upon our No. 7; it is also somewhat less in price.

We wish to again call particular attention to the fact that this tool has Cut Gears, Two Speeds, Adjustable Breast Plate, in fact, is in every way identical with our other styles, except in the matter of the chuck.

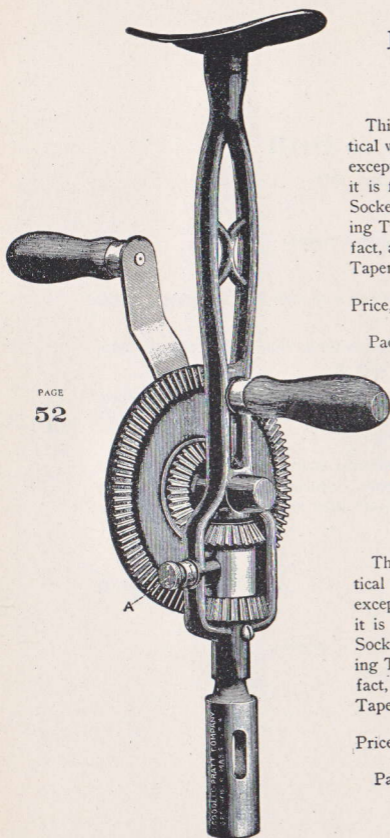
PAGE

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Price, per dozen (RADJIB) \$36.00

Packed one in a box, 17 x 5 $\frac{3}{4}$ x 3 $\frac{1}{4}$ inches.

Weight, per dozen, 60 pounds.



Breast Drill

No. 61, M. T.

This tool is in every way identical with our Breast Drill No. 6, except that in place of the Chuck it is fitted with a Morse Taper Socket, No. 1, suitable for holding Twist Drills, Reamers, or, in fact, any tools with No. 1 Morse Taper Shanks.

Price, per dozen .. (RANCER) \$48.00

Packed one in a box.

Breast Drill

No. 62, M. T.

This tool is in every way identical with our Breast Drill No. 6, except that in place of the Chuck it is fitted with a Morse Taper Socket, No. 2, suitable for holding Twist Drills, Reamers, or, in fact, any tools with No. 2 Morse Taper Shanks.

Price, per dozen .. (RALGER) \$48.00

Packed one in a box.

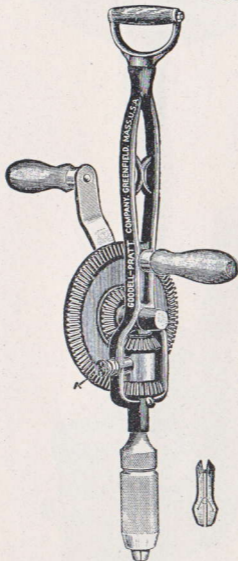
Goodell-Pratt Company

Breast Drill

No. 7 $\frac{1}{2}$

With Bit Brace Chuck

Two Sets of Jaws



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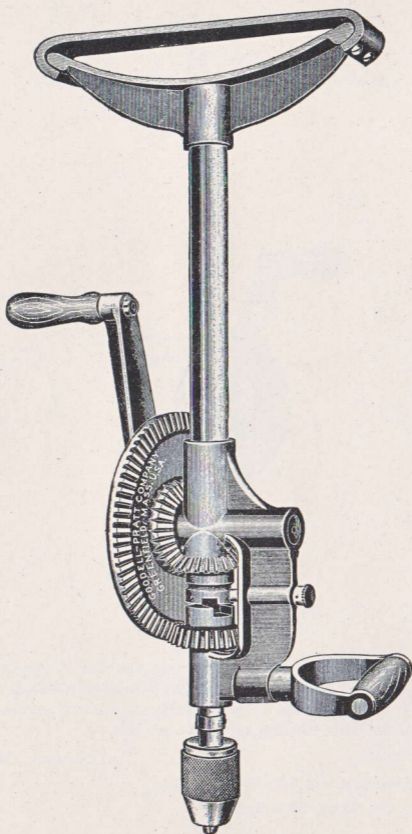
This Drill will be found identical with the No. 7, shown and described on pages 48 and 49, except that instead of a Breast Plate this tool is equipped with a Grip Handle, which will at once be appreciated by those desiring to use Auger Bits.

Price, per dozen (RADILE) \$42.00

Packed one in a box, 17 x 5 $\frac{3}{4}$ x 3 $\frac{1}{4}$ inches.

Weight, per dozen, 60 pounds.

Price of separate Spade Handles, per dozen (RALE) \$3.00



Giant Breast Drill

No. 58

Capacity 0 to $\frac{1}{2}$ inch

Chuck Patented August 13, 1895

This Breast Drill is in every way identical with the No. 59 shown and described on the following pages, except in the size and capacity of the Chuck with which it is equipped.

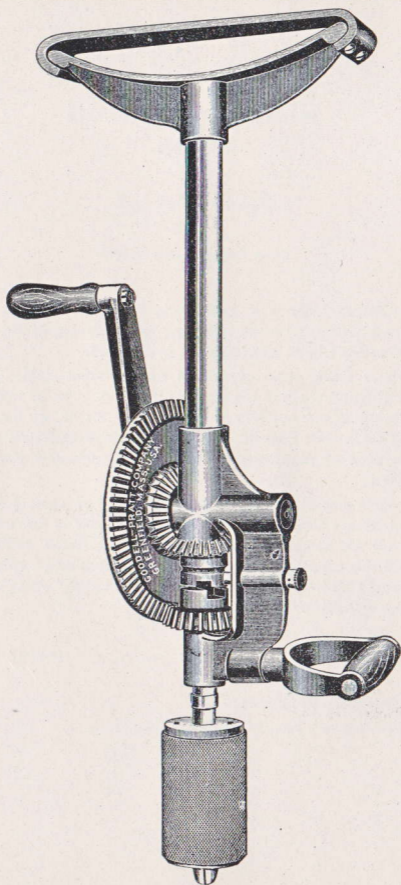
We have found from experience that different classes of work require different tools if the highest efficiency is to be maintained, and in bringing out our line of Giant Breast Drills, we have aimed to equip them with Chucks varying in capacity and style in order that the need or requirements of the most particular place might be fulfilled.

For some classes of work, running nearly or quite $\frac{1}{2}$ inch, the ordinary Breast Drill as built for $\frac{1}{2}$ -inch capacity is not sufficiently heavy; we are therefore equipping our Giant Breast Drill with a Chuck of this capacity, assuring the user a machine of great power and strength and eliminating a little of the weight which a Chuck of larger capacity would make necessary.

Price, per dozen(RABBIT) \$100.00

Weight, each, 13 pounds.

Packed one in a box, $14\frac{1}{4} \times 7\frac{1}{2} \times 6\frac{1}{4}$ inches.



Goodell-Pratt Company

Giant Breast Drill

No. 59

Capacity 0 to $\frac{3}{4}$ inch

Chuck Patented August 13, 1895

Careful scrutiny of the cut on the opposite page, added to a study of the dimensions noted below, cannot fail to convey in an impressive manner the power, strength, and size of this machine. It is a giant in every sense of the word, built for heavy, hard work; it weighs 16 pounds, but it has to; wherever possible Tubular Shafts have been used and weight eliminated. A leather Breast Plate makes possible the use of this heavy machine; the side handle of Spade pattern insures its being held steadily when in use. It is provided with Two Speeds, Cut Gears, Malleable Iron Crank, Three-Jawed Chuck, capacity 0 to $\frac{3}{4}$ inch, and finished in Japan and Machine Enamel, with all steel parts polished bright.

PAGE

57

Dimensions as follows:

Length, 23 inches.

Breast Plate, 10 inches long.

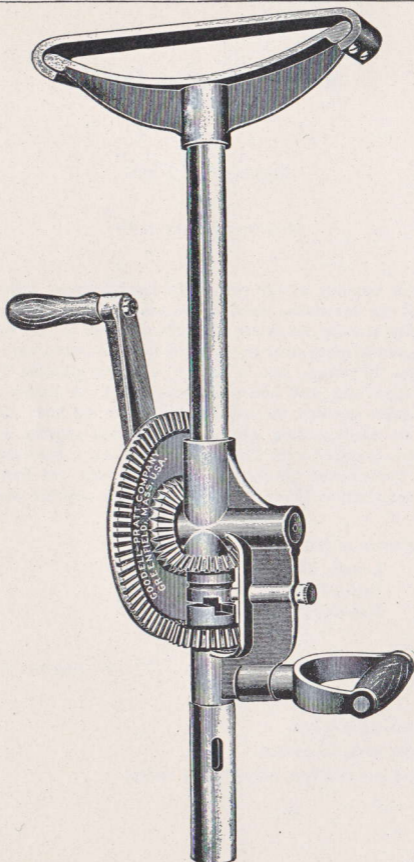
Handle for Crank, 6 inches long.

Price, per dozen (RAJAH) \$120.00

Packed one in a box.

Weight, each, 16 pounds.

Packed one in a box, $14\frac{1}{4} \times 7\frac{1}{2} \times 6\frac{1}{4}$ inches.



Giant Breast Drill

No. 60

This Breast Drill is in every way identical with the No. 59, shown and described on pages 56 and 57, except in the matter of Chuck; this tool has no Chuck but is provided with a No. 2 Morse Taper Socket for holding Drills or other tools having a No. 2 Morse Taper Shank.

The user can at any time procure a Drill Chuck for use in connection with this tool, and by having his Chuck fitted with a No. 2 Morse Taper Shank can use it without difficulty.

PAGE

59

Price, per dozen (RUSTIC) \$100.00

Weight, each, 13 pounds.

Packed one in a box, $14\frac{1}{4} \times 7\frac{1}{2} \times 6\frac{1}{4}$ inches.

Combination Breast and Chain Drill

No. 7307

With Automatic Feed

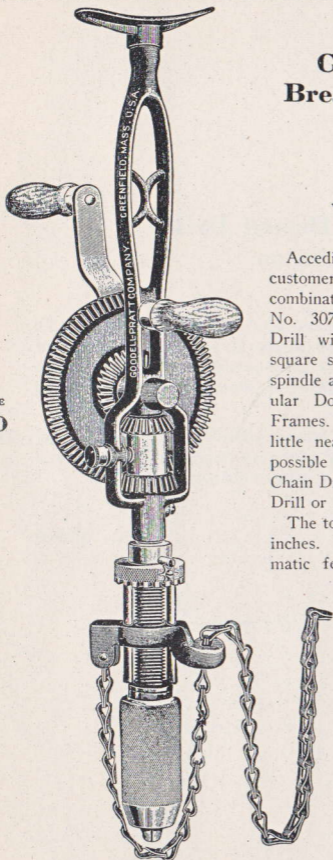
According to the wishes of our customers, we are offering this combination tool. It consists of a No. 307 Automatic Feed Chain Drill with a Chuck for holding square shanks, and a special long spindle attached to one of our regular Double Speed Breast Drill Frames. This brings the work a little nearer the operator than is possible where the shank of the Chain Drill is inserted into a Breast Drill or Brace Chuck.

The total length of the tool is 21 inches. It has two speeds, automatic feed, cut gears, adjustable breast plate, ball bearings, and is equipped with 3 feet of steel chain; finished after the usual manner of our Breast and Chain Drills.

Price, each (CROTE) \$5.00

Packed one in a box,
21 x 5½ x 3¼ inches.

Weight, 6¾ pounds.



Combination Breast and Chain Drill

No. 7316

With Automatic Feed

Chuck Patented August 13, 1895

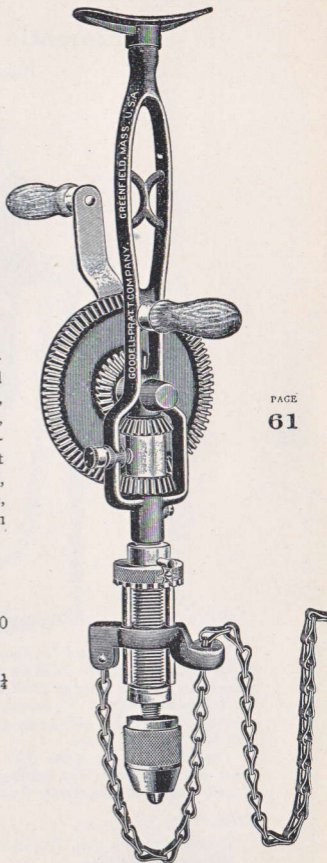
This tool is in every way identical with the No. 7307, shown and described on the preceding page, with the exception of the Chuck, which on this is suitable for holding round shanked Drills only. It has Two Speeds, Automatic Feed, Cut Gears, Adjustable Breast Plate, Ball Bearings, and is equipped with three feet of steel chain.

Capacity of Chuck 0 to $\frac{1}{2}$ inch.

Price, each(CRAZE) \$7.00

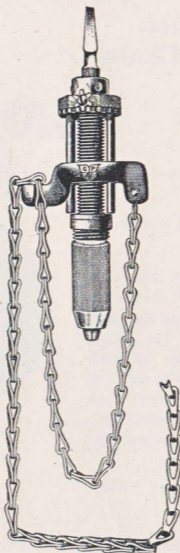
Packed one in a box, $21 \times 5\frac{1}{2} \times 3\frac{1}{4}$ inches.

Weight, each, $6\frac{3}{4}$ pounds.



Automatic Chain Drill

No. 307



PAGE

62

The above device will be found very useful in connection with a Bit Brace or Breast Drill in many places where it is not convenient to bring a Ratchet Drill into use.

It has an entirely Automatic Feed; the End Thrust has its friction reduced by ball bearings; it has an equipment of three feet No. AA steel chain.

The Chuck is the same that we use upon our No. 07 Breast Drill, and is suitable for holding square shanks. The whole tool is well made and attractively finished.

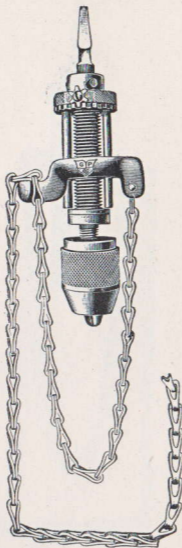
Price, each (CHADRIL) \$3.00

Packed one in a box, 10 x 4 $\frac{3}{4}$ x 2 $\frac{1}{4}$ inches.

Weight, 2 $\frac{3}{4}$ pounds.

Automatic Chain Drill

No. 316



PAGE

63

This tool is a companion to the No. 307, shown and described on the preceding page. The working mechanism of both is identical, they differ only in the style of the Chuck; the one shown above has a Three-Jawed Chuck for holding round shank Drills 0 to $\frac{1}{2}$ inch; this is a valuable addition and one which cannot fail to be appreciated, as it enables the operator to get a degree of accuracy not obtainable where square shanks are used.

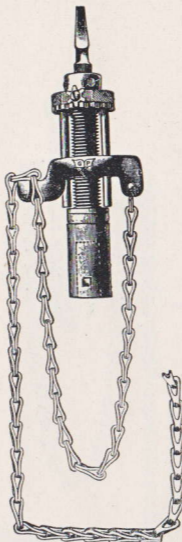
Price, each (CHALRID) \$5.00,

Packed one in a box, 10 x 4 $\frac{3}{4}$ x 2 $\frac{1}{4}$ inches.

Weight, 2 $\frac{3}{4}$ pounds.

Automatic Chain Drill

No. 308



PAGE

64

This tool is the companion to the Nos. 307 and 316, shown and described on preceding pages. The working mechanism of all is identical, they differ only in the style of the Chuck; the one shown above is suitable for holding one-half inch round shanks only. While in the feature of the Chuck it is not quite as comprehensive a tool as the styles above referred to, the fact that it is somewhat less in price will make a ready market for it among dealers and consumers who are looking for a low-priced Chain Drill equipped with an Automatic Feed.

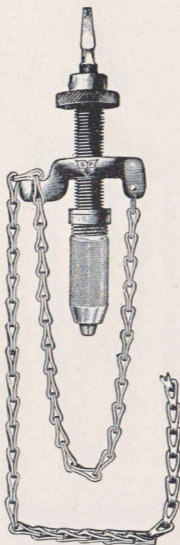
Price, each.....(CHAD) \$2.00

Packed one in a box, 10 x 4 $\frac{3}{4}$ x 2 $\frac{1}{4}$ inches.

Weight, 2 $\frac{3}{4}$ pounds.

Chain Drill

No. 0307



PAGE

65

This Chain Drill is identical with the No. 307, shown and described on page 62, except that it has no automatic feed; the feed is controlled by turning the knurled end of the feed screw.

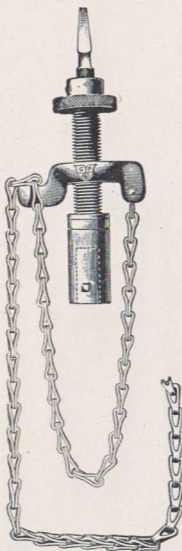
Price, each.....(CHARL) \$2.50

Packed one in a box, 10 x 4 $\frac{3}{4}$ x 2 $\frac{1}{4}$ inches.

Weight, 2 $\frac{3}{4}$ pounds.

Chain Drill

No. 0308



PAGE

66

This Chain Drill is identical with the No. 308, shown and described on page 64, except that it has no automatic feed; the feed is controlled by turning the knurled end of the feed screw. On certain classes of work it is much more desirable to have a hand feed; we are therefore bringing out this complement line with plain hand feed to enable us to meet all requirements.

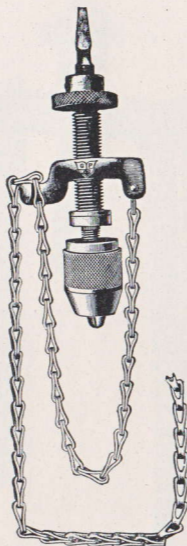
Price, each.....(CHANT) \$1.50

Packed one in a box, $10 \times 4\frac{3}{4} \times 2\frac{1}{4}$ inches.

Weight, $2\frac{3}{4}$ pounds.

Chain Drill

No. 0316



PAGE

67

This Chain Drill is identical with the No. 316, shown and described on page 63, except that it has no automatic feed; it has hand feed only.

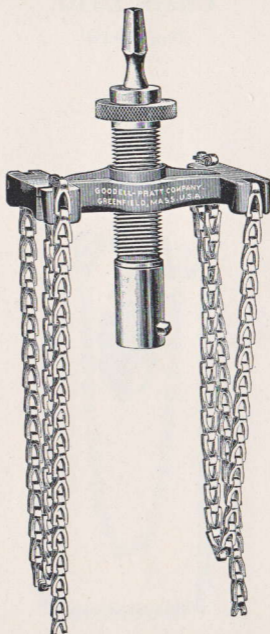
Price, each.....(CHANE) \$4.50,

Packed one in a box, 10 x 4 $\frac{3}{4}$ x 2 $\frac{1}{4}$ inches.

Weight, 2 $\frac{3}{4}$ pounds.

For Ratchet Attachment, see page 186.

Giant Chain Drills



PAGE

68

These Chain Drills are much larger and heavier than any shown on the preceding pages. They have a 4 x 6 inch iron frame equipped with 5-foot chains.

Extreme length from end of shank to end of spindle, 9 inches.

They have ball-bearing thrust; hand feed; frame finished in japan; bright steel parts polished.

No. 317, has $\frac{1}{2}$ -inch Round Socket.

Price, each (CARP) \$3.50

No. 318, has No. 1 Morse Taper Socket.

Price, each (CUDER) \$4.50

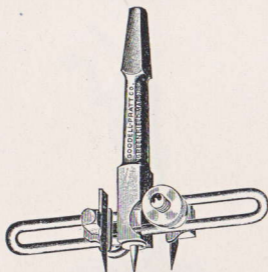
No. 319, has No. 2 Morse Taper Socket.

Price, each (CRUST) \$4.50

Goodell-Pratt Company

Washer Cutter

No. 41



A strong, well-made, useful device for cutting washers from 1 inch to $5\frac{1}{2}$ inches, provided with removable blades, adjustable as to length of cutting edge as well as position. These blades can be easily removed for sharpening, or replaced when they wear out.

PAGE

69

The whole tool is nicely polished and attractive in appearance.

Price, each.....(PEONY) \$1.00

Extra Blades, per set.....(PURPLE) .25

Packed one in a box, $5\frac{3}{4} \times 5\frac{3}{4} \times 1\frac{3}{4}$ inches.

Weight, 11 ounces.

Special Short Twist Drills



We can furnish Special Short Twist Drills in sets, particularly adapted for use in our Bench Drills, where Drills of regular length take up too much room.

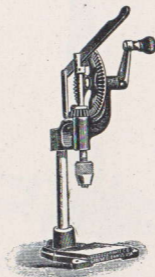
They are made in the uniform length of $2\frac{1}{4}$ inches.

SET No. 080. Fitting No. 8 Drill. 1 each, $\frac{1}{16}$, $\frac{3}{32}$, $\frac{1}{8}$, Per Set
 $\frac{5}{32}$, $\frac{3}{16}$, $\frac{7}{32}$, $\frac{1}{4}$ inch.....(LADLE) \$1.00

SET No. 090. Fitting No. 9 Drill. 1 each, $\frac{1}{16}$, $\frac{3}{32}$, $\frac{1}{8}$,
 $\frac{5}{32}$, $\frac{3}{16}$, $\frac{7}{32}$, $\frac{1}{4}$, $\frac{9}{32}$, $\frac{5}{16}$, $\frac{11}{32}$, $\frac{3}{8}$ inch.....(LARGER) 2.00

Bench Drill

No. 148



Height, $10\frac{1}{2}$ inches

Chuck capacity 0 to $\frac{5}{8}$ inch

PAGE
70

This machine bears the same relation to our No. 145 Bench Drill, shown and described on page 72, that an ordinary plain machine would bear to a universal one; in other words, this has not the universal feature. It is a small Bench Drill of good design, with lever feed, cut gears, Three-Jawed Chuck, capacity 0 to $\frac{5}{8}$ inch, a plain table with a working surface $3 \times 3\frac{1}{2}$ inches, having a total height of 12 inches and a spindle travel of $1\frac{1}{8}$ inches. The distance from upright shaft to center of the Chuck, 2 inches; the large gear is 3 inches in diameter, the bevel pinion $\frac{3}{4}$ inch. It is well made, attractively finished, and will prove a good companion for our many other styles, and will meet the demand for a smaller machine than any we have heretofore manufactured. Furnished with eight Drill Points from $\frac{1}{16}$ to $\frac{1}{8}$ inch.

Price, each.....(WASTER) \$4.00

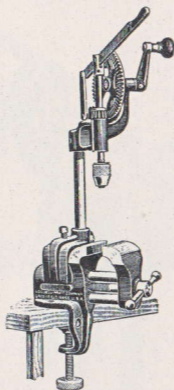
Packed one in a box, $10\frac{1}{2} \times 6\frac{1}{2} \times 4\frac{3}{8}$ inches.

Gross weight, $4\frac{1}{2}$ pounds.

Net weight, 4 pounds.

Bench Drill and Vise

No. 147



Height from Bench, $12\frac{1}{2}$ inches

Chuck capacity 0 to $\frac{5}{8}$ inch

This combination differs slightly from the No. 146, shown and described on page 73, inasmuch as the Drill is not provided with the universal feature. It can be used in an upright position as attached to our No. 161 Vise, and as shown in the cut, but it cannot be used in a horizontal position. This elimination of the universal feature reduces its cost somewhat and does not detract to an appreciable extent from its efficiency. The Drilling Machine is equipped with the same working mechanism that is employed in our No. 145, and differs only in not having the universal feature.

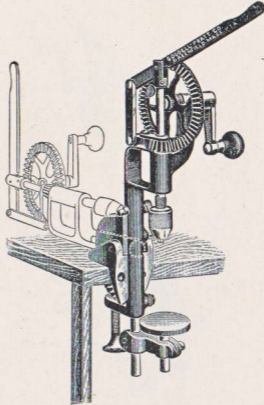
Price each, complete as shown (WASP) \$5.00

Net weight, 6 pounds.

Packed one in a box, $10\frac{1}{2} \times 6\frac{1}{2} \times 4\frac{3}{8}$ inches.

Universal Bench Drill

No. 145



PAGE
72

Height from Bench 8 inches
Chuck capacity 0 to $\frac{3}{2}$ inch

This Universal Bench Drill embodies many unique features seldom found in hand tools of any description, and we believe never before employed in a Drilling Machine. It can be used as either an Upright or Horizontal Drilling Machine; when, however, the horizontal feature is employed, the shaft carrying the table must be removed from the frame as it acts as a connecting rod between that portion of the frame used as a clamp and the portion supporting the gears and other mechanism; the rod, however, can be again placed in position when the machine is used horizontally, and by so doing the table may be brought into use.

The machine is fitted with a Three-Jawed Chuck, capacity 0 to $\frac{3}{2}$; provided with Eight Fluted Drills from $\frac{1}{8}$ to $\frac{1}{4}$. Has Cut Gears; Steel Feed Screw; Adjustable Table; is 12 inches high over all, and weighs 3 pounds, and will drill to the center of a 2-inch circle.

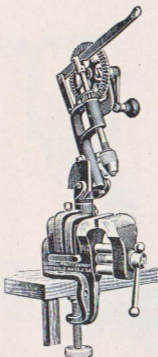
The many small features, which can hardly be enumerated in a brief description, can only be fully understood and appreciated by having the machine in actual use. It is in every sense of the word a small Universal Bench Drill; the working part of the machine can be set at almost any desired angle by means of the clamp nut working on the arc. The machine is smaller than our No. 8 Bench Drill, described elsewhere in this catalog; it has however many ingenious features entirely foreign to that machine.

Price, each (WARRANT) \$6.00

Packed one in a box, $10\frac{1}{4} \times 5\frac{3}{8} \times 3\frac{1}{4}$ inches. Net weight, 3 pounds.

Universal Bench Drill and Vise

No. 146



Height from Bench, $12\frac{1}{2}$ inches

Chuck capacity 0 to $\frac{5}{8}$ inch

This combination of our Universal Bench Drill, No. 145, and our 2-inch Bench Vise, No. 161, is made possible by the addition of the special clamp feature, which fits snugly and fastens securely to the frame of the Vise, as shown in the cut. It is simply a combination of the two tools above referred to, and detailed description will be better understood by referring to each machine separately; both are listed elsewhere in this book.

Price each, complete as shown.....(WARRIOR) \$7.00

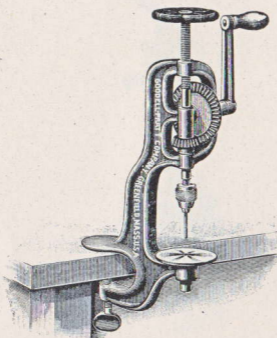
Net weight, $6\frac{1}{2}$ pounds.

Packed one in a box, $10\frac{1}{2} \times 6\frac{1}{2} \times 4\frac{3}{8}$ inches.

Bench Drill

No. 8

Capacity 0 to $\frac{1}{4}$ inch



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74

Nothing in the line of a small Bench Drill of excellent quality and moderate price has ever been put on the market which can compare with the line we are here illustrating.

The No. 8 above shown is a substantial little machine, with solid Iron Frame, Cut Gears, Steel Feed Screw, and Adjustable Table, all well made and nicely fitted. It is furnished complete with a Three-Jawed Chuck, capacity 0 to $\frac{1}{4}$ inch, and Eight Fluted Drills, from $\frac{1}{16}$ to $\frac{1}{8}$ inch. The height from the table to the feed wheel is 13 inches.

The machine is finished in an attractive manner, and will prove a ready seller.

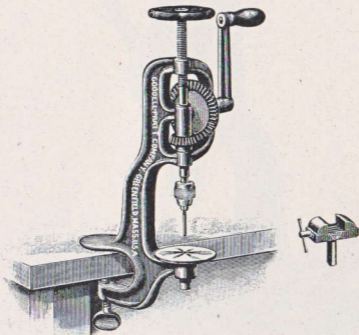
Price, each.....(LACKEY) \$5.00

Shipping weight, 11 pounds. $16\frac{1}{2}$ x 10 x $6\frac{1}{2}$ inches.

Bench Drill

No. 8 $\frac{1}{2}$

Capacity 0 to $\frac{1}{4}$ inch



PAGE

75

This machine is identical with the No. 8, shown and described on the preceding page, except that it has the additional equipment of a Special Vise, which can be used in place of the table for holding the work.

The Jaws open $1\frac{3}{16}$ inches, and operate on a right-hand and left-hand screw.

Price of Machine and Vise, complete, each(LAVKEY) \$6.50

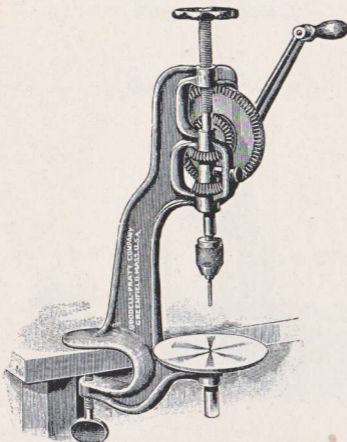
Shipping weight, 13 pounds. $16\frac{1}{2}$ x 10 x $6\frac{1}{2}$ inches.

Price of Separate Vises, each(AUKEY) 1.50

Bench Drill

No. 9

Patented August 13, 1895; March 31, 1896



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76

This machine is the companion to the one shown on the preceding page, but made correspondingly larger and heavier.

It has a solid Iron Frame, Cut Gears, and two different Speeds quickly changed by a shifter conveniently located, an Adjustable Table, and Steel Feed Screw, all well made and fitted. It is furnished complete with a Three-Jawed Chuck, capacity 0 to $\frac{3}{8}$ inch, and Eight Fluted Drills. The height from the table to the feed wheel is 18 inches. Sizes Drill Points furnished $\frac{1}{16}$ to $\frac{11}{16}$ inch.

The machine is finished in an attractive manner, and it will be found a very practical and durable tool.

Price, each (LABUMO) \$8.00

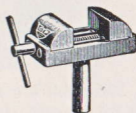
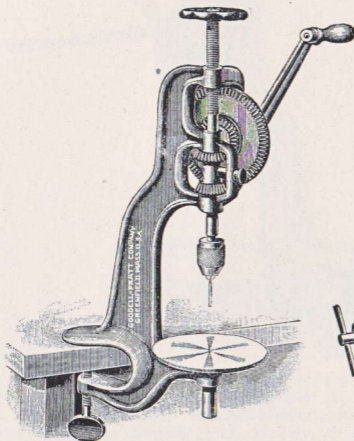
Shipping weight, 18 pounds. $20\frac{3}{4}$ x 12 x $6\frac{1}{4}$ inches.

Bench Drill

No. 9 $\frac{1}{2}$

Capacity 0 to $\frac{3}{8}$ inch

Patented August 13, 1895; March 31, 1896



PAGE

77

This machine is identical with the No. 9, but is furnished with a Special Vise, which can be used in place of the table for holding the work.

The Jaws open 2 inches and operate on a right-hand and left-hand screw.

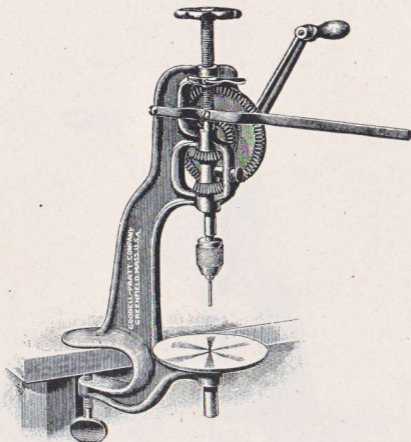
Price of Machine and Vise, complete, each(LABMER) \$10.00

Shipping weight, 22 pounds. 20 $\frac{3}{4}$ x 12 x 6 $\frac{1}{4}$ inches.

Price of Separate Vises(LACKMUS) 2.00

Bench Drill

No. 90



PAGE

78

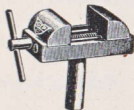
This Drill is exactly the same in every particular as the No. 9, shown on page 76, with the addition of a Lever Feed, which is very desirable on certain classes of work. It also has a Screw Feed which may be used or not as desired. For dimensions, see the description of No. 9 Drill.

Price.....(LANDAU) \$10.00

Bench Drill

No. 90 $\frac{1}{2}$

This is the same as the No. 90 described above, with the additional equipment of a Vise opening 2 inches the same as is furnished with our No. 9 $\frac{1}{2}$ Drill.

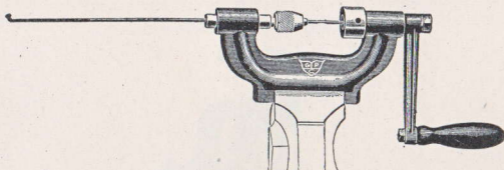


Price.....(LANDING) \$12.00

Goodell-Pratt Company

Peck's Wire Threader

No. 50



This little device will be found very convenient for cutting threads on the end of short or long wire rods. It can be easily held in any vise; the collet for holding the dies is attached to the crank spindle. The Chuck for holding the wire is a three-jawed one, capacity 0 to $\frac{3}{32}$, and will hold the work in alignment; it is attached to a hollow spindle, and slides back and forth in a splined groove; has malleable iron crank, with polished hard-wood handle. The frame is finished in japan, and all steel parts are polished. The collet is arranged for holding dies $\frac{3}{8}$ inch outside diameter; any round die answering this description can be used in the machine. We can furnish collets for dies, $\frac{1}{16}$ inch outside diameter, when specially ordered, without extra charge.

Price, each, without dies..... (PASTILE) \$2.50

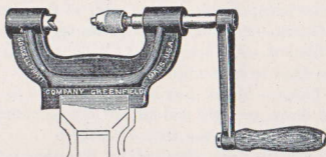
Weight, $3\frac{1}{2}$ pounds.

PAGE

79

Vise Drilling Attachment

No. 51



By simplifying the device shown at the top of the page, rearranging the Chuck on the opposite end, putting a V center in the tail stock, we have converted it into a little Vise Drilling Attachment, with a Chuck capacity from 0 to $\frac{3}{32}$, making a very useful article at a very small cost.

Price, each (THEME) \$2.00

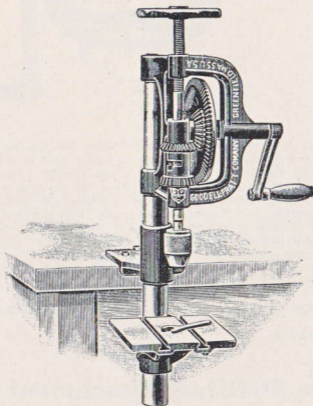
Packed one set in a box.

Weight, $3\frac{1}{2}$ pounds.

Bench Drill

No. 10

Capacity 0 to $\frac{1}{2}$ inch



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80

UPRIGHT SHAFT.—Polished Steel Tube, $1\frac{1}{2}$ inches diameter, 24 inches long; all the working parts of the machine are clamped to it.

GEARS.—Are cut from solid blanks and run smoothly.

CHUCK.—A Three-Jawed Chuck, capacity 0 to $\frac{1}{2}$ inch, furnished and fitted to each machine.

TABLE.—Milled and slotted; size, $6 \times 6\frac{1}{2}$ inches; adjustable up and down, or right and left, or can be entirely removed, and work blocked up from the floor, if desired.

SPEEDS.—Two, changed by throwing cam attached to shifter knob.

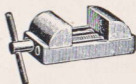
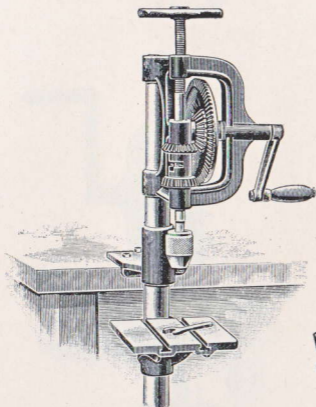
It is a thoroughly well made and practical machine in every sense of the word, and excessive weight has been obviated by using a tubular shaft.

Price, complete with Chuck.....(LATEST) \$15.00

Shipping weight, 39 pounds. 26 x 11 x 10 inches.

Bench Drill

No. 10 $\frac{1}{2}$



PAGE

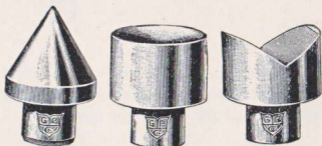
81

This machine is in every way identical with the No. 10; it is, however, equipped with the following extras, as shown in the cut:
1 Special Vise, with Jaws opening 2 inches, and operated on a right-hand and left-hand screw.

1 Plain Center.

1 Cup Center.

1 V Center.



These extra attachments will be found very useful in doing a variety of special work.

Price, complete with Attachments.....(LADRULE) \$18.00

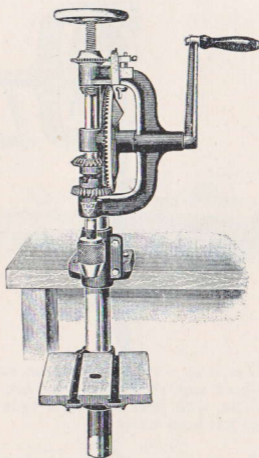
Shipping weight, 43 pounds. 26 x 11 x 10 inches.

Price of Separate Vises, each.....(LUTER) 2.00

Price of Extra Centers, per set(LUSTER) 1.00

Bench Drill

No. 11



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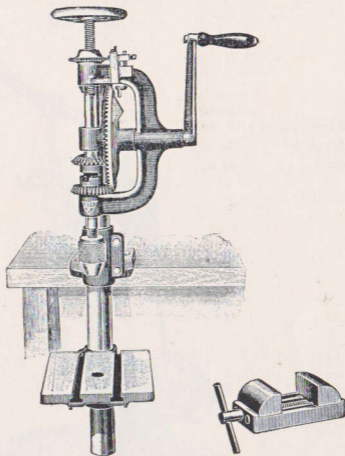
This machine is in every way identical with the No. 10; it has the addition, however, of an Automatic Feed, which can be used or thrown out at the will of the operator.

Price, each (LAXER) \$18.00

Shipping weight, 39 pounds. 26 x 11 x 10 inches.

Bench Drill

No. 11 $\frac{1}{2}$



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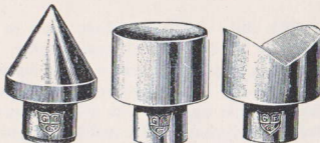
This machine is in every way identical with the No. 11, with the addition of the following extra equipment:

1 Special Vise, with Jaws opening 2 inches, and operated on a right-hand and left-hand screw.

1 Plain Center.

1 Cup Center.

1 V. Center.



These extra attachments will be found very useful for doing a variety of special work.

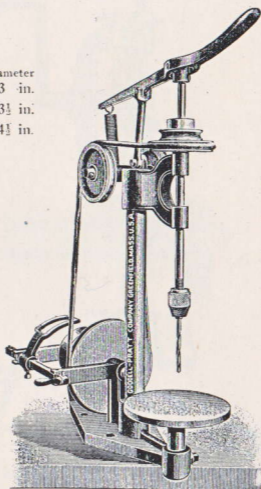
Price, complete with Attachments..... (LAXINE) \$20.00

Shipping weight, 43 pounds. 26 x 11 x 10 inches.

Power Bench Drill

No. 12

	Diameter
Loose pulley	3 in.
1st step	3½ in.
2d step	4½ in.



Spindle movement, 3½ inches, or can be set for any less length.

Drills to center of 6½ inch circle.

Table Diameter, 4½ inches.

Table adjustment, 2½ inches.

Total height, 24 inches.

Extreme distance from Chuck to table, 8 inches.

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This little machine we have made to meet the demands for a sensitive Bench Drill of good quality, which can be sold at a moderate price; we believe we have accomplished all that could be asked of us. The cut conveys a good idea of its general characteristics; it is equipped with a Three-Jawed Chuck, capacity 0 to ¼ inch, an Adjustable Table and an Adjustable Spindle.

Price, each.....(LAXILL) \$15.00

Each machine packed in a wooden box, 20½ x 17 x 8 inches. *

Shipping weight, 30 pounds.

Foot Power Drilling Machine

No. 79

Fitted with Three-Jawed Chuck, capacity
0 to $\frac{1}{4}$ inch

Chuck Patented August 13, 1895

The general features of this machine will be as well understood by a careful scrutiny of the accompanying illustration as from any general description; any one having use for a Foot Power Drilling Machine will find the numerous features used in the construction of this tool will materially extend the field of usefulness formerly occupied by machines of this character. The simplicity of its construction will be at once taken note of, the geared drive making possible an extreme spindle speed of nearly 3,000 revolutions per minute; the gears are protected by a guard not shown in cut. The table is adjustable, and both the idler and spindle pulleys have two steps. General dimensions as follows:

Height, 54 inches.

Distance Floor to Table, 36 inches.

Distance Chuck to Table, 7 inches.

Diameter of Table, $5\frac{1}{4}$ inches.

Diameter of Large Pulley, 12 inches.

Diameter of Small Pulley, $1\frac{1}{2}$ and $1\frac{3}{8}$ inches.

Diameter of Large Gear, $5\frac{5}{8}$ inches.

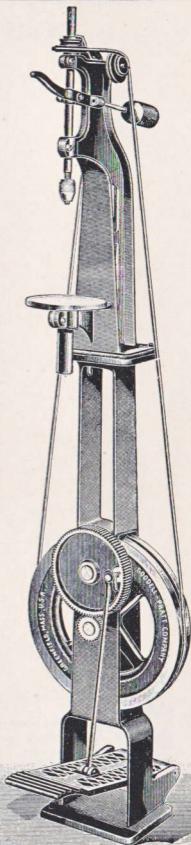
Diameter of Small Gear, $1\frac{1}{4}$ inches.

Drills to the center of 6-inch circle.

Attractively painted with machine enamel.

Price, each (LABOR) \$25.00

Gross weight, 110 pounds; net weight, 85 pounds. $34\frac{3}{4} \times 13\frac{3}{4} \times 11\frac{1}{4}$ inches.

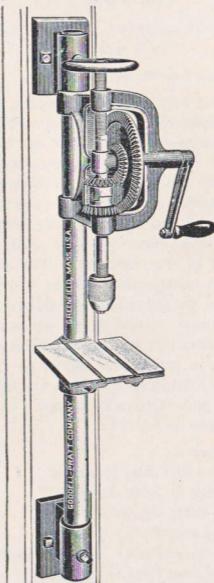


Goodell-Pratt Company

Wall Drilling Machine

No. 63

Capacity 0 to $\frac{1}{2}$ inch



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Please Note—The cut shows Iron Brackets fastened to plank. No plank included.

This machine is provided with two Iron Brackets, and so arranged that these can be fastened to a post or to the wall, making a very convenient Wall Drilling Machine. The operating mechanism, in fact, the entire head and table, are the same as those used upon our No. 10 Bench Drills.

The dimensions are as follows: Length of shaft, 33 inches; diameter of shaft, $1\frac{1}{2}$ inches; distance from table to Chuck, $11\frac{1}{2}$ inches. The machine will drill to the center of an 8-inch circle; it has Cut Gears, two Speeds, and is fitted with a Three-Jawed Chuck, capacity from 0 to $\frac{1}{2}$ inch.

Price, each.....(LODER) \$16.00

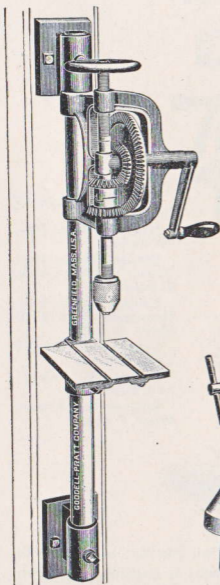
Weight, boxed, 50 pounds, 36 x 10 x 9 inches.

Goodell-Pratt Company

Wall Drilling Machine

No 63 $\frac{1}{2}$

Capacity 0 to $\frac{1}{2}$ inch



This machine is in every way identical with the No. 63, as shown on the preceding page, with the addition of the following equipment:

1 Special Vise, with Jaws opening 2 inches, and operating on a right-hand and left-hand screw.

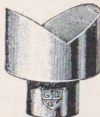
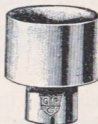
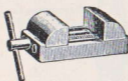
1 Plain Center.

1 Cup Center.

1 V Center.

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Cut shows Drill fastened to a plank. No plank furnished.

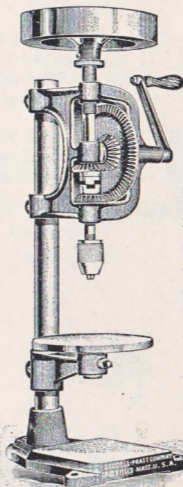
Price, each (LUBBER) \$19.00

Each machine packed in a box, 36 x 10 x 9 inches.
Gross weight, 51 pounds; net weight, 37 pounds.

Bench Drill

No. 72

Capacity 0 to $\frac{1}{2}$ inch



Extreme Height, 27 inches.

Height to Top of Tube, 24 $\frac{1}{2}$ inches.

Extreme Distance from Round Table to Chuck, 5 $\frac{1}{2}$ inches.

Extreme Distance from Rectangular Table to Chuck, 11 inches.

Diameter of Round Table, 7 inches.

Rectangular Table, 7 x 6 inches.

Diameter of Balance Wheel, 7 inches.

This machine has Cut Gears; has Two Speeds; is fitted with Three-Jawed Chuck, capacity 0 to $\frac{1}{2}$ inch; is provided with two tables, one oblong and stationary, the other round and swinging; has heavy balance wheel, turned and polished, making a Bench Drill of attractive design, practical construction, and great utility.

Price, each (LITTER) \$18.00

Gross weight, 70 pounds; net weight, 50 pounds.

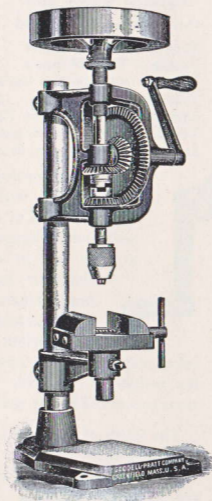
Box measures 28 x 13 $\frac{1}{2}$ x 11 $\frac{1}{2}$ inches.)

Goodell-Pratt Company

Bench Drill

No. 72 $\frac{1}{2}$

Capacity 0 to $\frac{1}{2}$ inch



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This machine differs in only one particular from the No. 72, shown and described on the preceding page. It has a special Vise on the swinging arm in place of the round table; the jaws of this Vise open 2 inches, and particular attention is called to the fact that the swinging arm to which Vise is attached can be thrown to either right or left when operator desires to use the plain table. Finish same as No. 72.

Price, each (LABEL) \$20.00

Gross weight, 70 pounds; net weight, 50 pounds.

Box measures 28 x 13 $\frac{1}{2}$ x 12 $\frac{1}{2}$ inches.

Angular Clamp Drill

No. 74

Capacity 0 to $\frac{1}{2}$ inch

Chuck Patented August 13, 1895

Extreme Height, 31 inches.

Length of Tube, 24 inches.

Distance from Chuck to Upright Shaft, 8 inches.

Diameter of Tubular Shaft, $1\frac{1}{2}$ inch.

Length of Screw in Clamp Plate, $4\frac{1}{4}$ inches.

Length of Feed Screw, $4\frac{1}{4}$ inches.

Length of Crank Handle, $6\frac{1}{2}$ inches.

The construction of this Angular Clamp Drill with its Tubular Upright Shaft, Cut Gears, Two Speeds with quick change, will open at once a large field in which Drills of this character have not heretofore been employed; particular emphasis is laid upon the fact that the Upright Shaft is a hollow

tube, magnifying the power and minimizing the weight of the tool. Its general dimensions are noted in the specifications above.

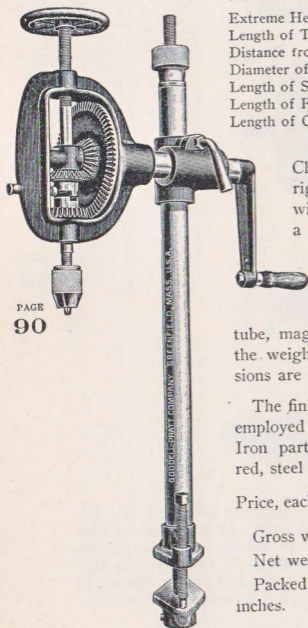
The finish of this tool is identical with that employed upon our other Drilling Machines. Iron parts in machine enameled black and red, steel parts polished.

Price, each.....(LATENT) \$20.00

Gross weight, 50 pounds.

Net weight, 35 pounds.

Packed one in a wooden case, $35\frac{1}{2} \times 16\frac{1}{2} \times 7\frac{1}{4}$ inches.



Angular Clamp Drill

No. 76

This tool is the companion of the No. 74, shown and described on the preceding page, but is much larger and heavier. It has a Tubular Shaft 2 inches in diameter, 30 inches long; it has all Cut Gears, the Inside Pinions being of steel. It has Ball Bearings to take up the end thrust of the Spindle, and a powerful Crank Shaft for operating the machine. The Spindle is fitted for holding $\frac{1}{2}$ -inch round shank Drills, and is provided with the additional equipment of a No. 16 Drill Chuck with $\frac{1}{2}$ -inch shank for holding smaller sizes. It is possible with this machine to drill holes 1 inch in diameter with comparative ease.

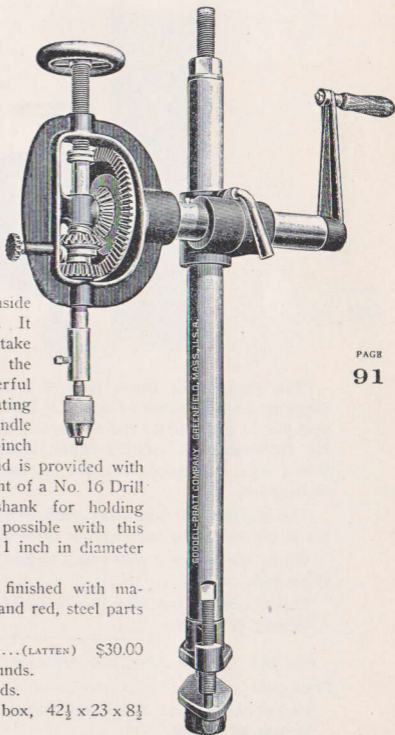
The iron parts are finished with machine enamel in black and red, steel parts are polished.

Price, each.....(LATTEN) \$30.00

Gross weight, 85 pounds.

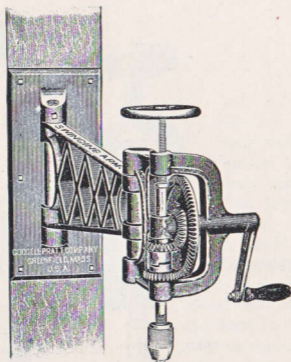
Net weight, 65 pounds.

Packed one in a box, $42\frac{1}{2} \times 23 \times 8\frac{1}{2}$ inches.



Bench Drill

No. 18



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This deep throat Bench Drill is constructed by attaching a swinging arm, $7\frac{3}{8}$ inches wide and 24 inches long, to a heavy rigid wall plate. Fitted to the end of this arm is the head of our regular No. 10 Bench Drill, with Cut Gears; Three-Jawed Chuck, capacity 0 to $\frac{1}{2}$ inch; two speeds, changed by throwing a cam attached to shifting rod.

This machine will drill to the center of a 54-inch circle, and when not in use will swing back against the wall, out of the way.

Can be used above a wide bench to greatest advantage.

Price, each.....(LEAD) \$17.00

Packed one in a box, 26 x 11 x 10 inches.

Weight, 67 pounds.

No. 18A, same as above, with Automatic Feed.

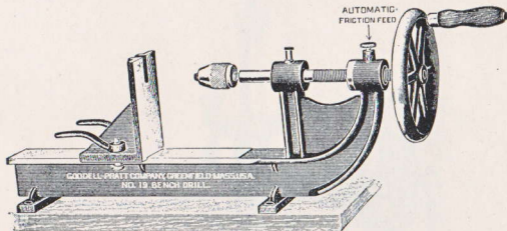
Price, each.....(LEADER) \$20.00

Packed one in a box, 26 x 11 x 10 inches.

Weight, 67 pounds.

Horizontal Bench Drill

No. 19



In designing this tool we have endeavored to see how well we could make it. There is nothing cheap about any part of its construction. The bed is milled, as is also the tail stock, both on the bearing surface and on its face; clamping nuts are provided with handles for convenience. The edge of the hand wheel is turned and polished. Has an Automatic Closing Oil Cup; has steel Feed Screw and Spindle; is provided with an Automatic Friction Feed, regulated by turning the Thumb Screw shown in cut; is fitted with a Three-Jawed Chuck, capacity 0 to $\frac{3}{8}$ inch.

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The body of the machine is finished in enamel and machine parts are polished bright.

The dimensions are as follows:

Total length of bed, 21 inches.

Total length of machine, $25\frac{1}{2}$ inches.

Length of milled bed, $12\frac{1}{2}$ inches.

Drills to the center of a $7\frac{3}{4}$ -inch circle.

Spindle runs 4 inches.

Extreme distance from Chuck to Tail Stock, $7\frac{1}{4}$ inches.

Total height from Bench to top of Balance Wheel, 10 inches.

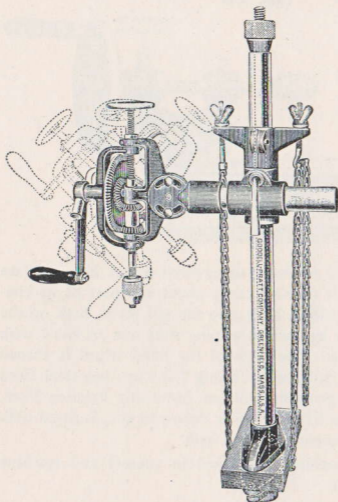
Price, each.....(LEAR) \$8.00

Packed one in a box, 23 x 11 x 8 inches.

Gross weight, 25 pounds. Net weight, 15 pounds.

Universal Clamp Drill

No. 112



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This machine is, as its name implies and as the cut shows, a Universal Clamp Drilling Machine with Ratchet Attachment. After having designed a machine that will drill, we believe, in any conceivable position, we have added to it a ratchet mechanism which will admit of the handle being turned in any possible corner. It is thoroughly well made and well finished and will compare favorably in this respect with any of our other styles. It is equipped with a Three-Jawed Chuck, capacity 0 to $\frac{3}{8}$ inch, and furnished complete with Chain as shown. The Tubular Shaft eliminates much unnecessary weight.

Detailed description as follows:

Capacity 0 to $\frac{3}{8}$ inch.

Standard Tube 24 inches long.

Head Tube 7 inches long.

Chain 5 feet long.

Distance from end of Chuck to Bench, 16 $\frac{1}{2}$ inches.

Total length of machine over all, 34 inches.

Total width of machine with head tube out, 23 inches.

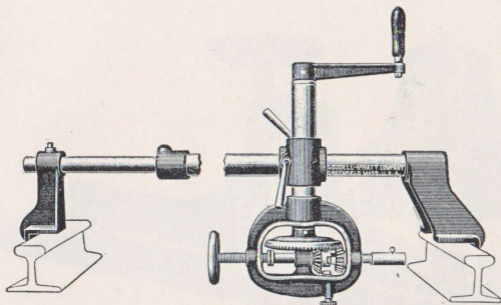
Will drill 11 $\frac{1}{2}$ inches from center of tube.

Net weight, 33 $\frac{1}{2}$ pounds.

Price, each (LACTIC) \$25.00

Track Drilling Machine

No. 113



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This Track Drill is a fitting companion for the various other Drilling Machines which we manufacture. It is fitted with a Tubular Shaft minimizing the weight. It is a thoroughly well made, nicely finished machine. Dimensions are as follows:

Center of Tube to Drill Center, $7\frac{3}{4}$ inches shortest, $13\frac{1}{4}$ inches longest.

Boring Head has a travel on Tube of 22 inches.

Sliding Rest has a travel on Tube of 29 inches.

Crank 8 inches center to center.

Handle 5 inches long.

Total length of the machine, $66\frac{1}{2}$ inches.

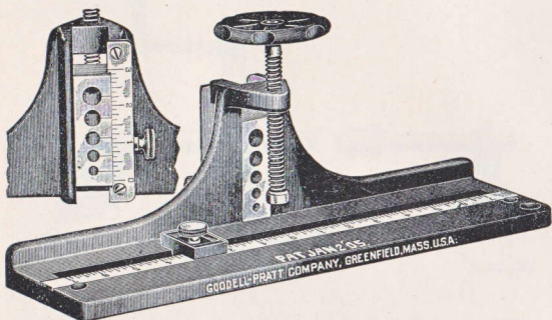
Net weight, 67 pounds.

Spindle is fitted to hold Twist Drills with $\frac{1}{2}$ -inch shank. We furnish, however, a Three-Jawed Chuck, capacity 0 to $\frac{1}{2}$ inch, for holding smaller sizes.

Price, each.....(LANDFALL) \$25.00

Dowelling Machine

No. 114



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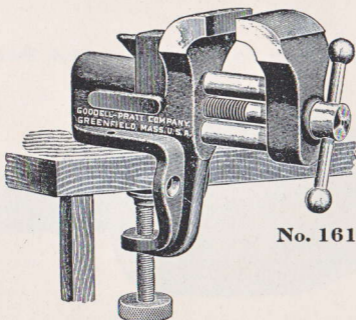
This machine for the accurate boring of dowelling holes will be found invaluable. An excellent idea is conveyed by the cut, in fact both the front and rear views are given, showing the graduation by which the height of the Gauge Block, provided with holes $\frac{1}{4}$, $\frac{5}{16}$, $\frac{3}{8}$, $\frac{7}{8}$, and $\frac{1}{2}$ inches, can be readily determined and set at any desired point. The face of the machine is provided with a Graduated Strip running 7 inches in each direction from the center, making possible practically perfect location for dowel holes. All the Graduated Strips are ENGINE DIVIDED, the whole tool is well made and attractively finished.

Price, each.....(OPAL) \$6.00

Packed one in a wooden box, $17 \times 7\frac{1}{4} \times 6\frac{1}{2}$ inches.

Gross weight, $13\frac{1}{2}$ pounds. Net weight, $10\frac{1}{2}$ pounds.

Bench Vises

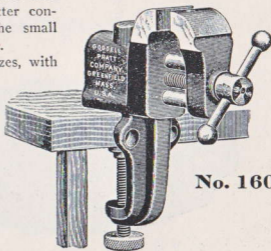


No. 161

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These little Bench Vises, while not differing in general appearance from other tools of this character which have for many years been on the market, are constructed with the belief that there is a demand for a little better construction than the majority of the small Bench Vises usually offered for sale.

We are making these in two sizes, with a 1-inch jaw and with a 2-inch jaw. The Vises are operated by a steel screw and two steel guide rods, insuring rigidity and strength. They are of good design, well made, and well finished. A high grade of baking japan is used in place of the ordinary asphaltum paint usually employed.



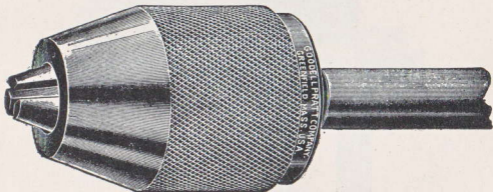
No. 160

No. 160. 1-inch Jaw, weight $1\frac{1}{2}$ pounds. List each(JARGON) \$1.00
Packed one in a box.

No. 161. 2-inch Jaw, weight $3\frac{1}{2}$ pounds. List each(JASPER) 2.00
Packed one in a box.

Goodell-Pratt Company

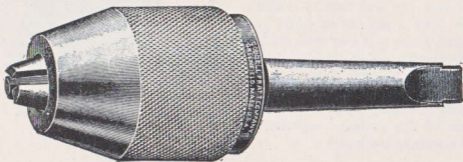
Cut showing No. 16 Chuck, with $\frac{1}{2}$ -inch Shank



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Cut showing No. 15 $\frac{1}{2}$ Chuck, with Morse Taper Shank



Goodell-Pratt Drill Chucks

Patented August 13, 1895

Realizing the great demand for a Drill Chuck of moderate cost and good quality, we take pleasure in offering one we are confident will meet all requirements.

No Spanner Wrench is required with this Chuck. It can be tightened or loosened easily without one. The shank or spindle is arranged to receive a stud which, as the shell is turned, forces the jaws forward and tightens the Chuck.

The three Hardened Steel Jaws are held apart by separating springs which draw the jaws back as the Chuck is loosened.

Well finished, strong, accurate.


Fitted with $\frac{1}{2}$ -inch or $\frac{1}{4}$ -inch shanks for Angular or Blacksmith Drills, or with Morse Taper Shanks, as desired.

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	Straight Shanks $\frac{1}{2}$ inch or $\frac{1}{4}$ inch	Morse Taper No. 1 or No. 2
No. 14 to $\frac{5}{8}$ inch, each.....(SANE)	\$1.50	\$2.00
No. 15 to $\frac{1}{2}$ inch, each.....(SALE)	2.00	2.50
No. 15 $\frac{1}{2}$ to $\frac{3}{8}$ inch, each.....(SEAR)	3.00	3.50
No. 16 to $\frac{1}{2}$ inch, each.....(SCAR)	4.00	4.50

Each Chuck packed in a box.

 Half-inch Shanks sent unless otherwise specified.

Goodell-Pratt Company

Drill Chuck

No. 13 $\frac{1}{2}$



We have had a great many calls for a Chuck of this character, with extremely small capacity, and built particularly for a small class of work.

We have sold them in very large quantities for use upon small Multiple Spindle Drilling Machines and for special and regular Button Machinery.

They will be found extremely serviceable, and not easy to get out of order. They have a capacity to $\frac{1}{8}$ inch, and are furnished, unless otherwise specified, complete with a $\frac{1}{2}$ -inch shank or spindle.

Price, each.....(SLARNE) \$1.50

Packed one in a box, $4\frac{1}{4} \times 1\frac{1}{4} \times 1\frac{1}{4}$ inches.

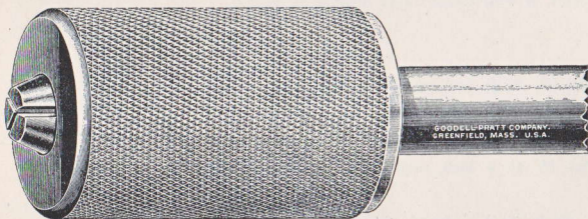
We shall be pleased to quote, on application, special prices on these Chucks when ordered in large quantities, and without spindles.

Drill Chuck

No. 16 $\frac{1}{2}$

Capacity 0 to $\frac{3}{4}$ inch

Patented August 13, 1895



This Chuck is the same in character and form of construction as those shown and described on pages 98 and 99.

It is made much larger and heavier, and will hold without difficulty Drills up to $\frac{3}{4}$ inch; it is fitted with a spindle or shank 1 inch in diameter, 6 inches long, and will be found an excellent tool for holding Drills up to its extreme capacity.

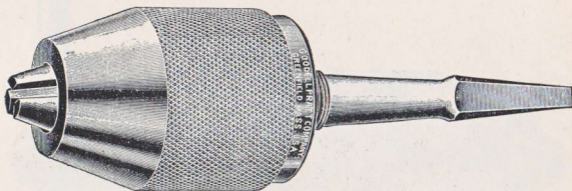
Price, each.....(SCACE) \$6.00

Packed one in a box, $10\frac{3}{4} \times 2\frac{3}{4} \times 2\frac{3}{4}$ inches.

Weight, $4\frac{1}{2}$ pounds.

Drill Chucks with Brace Shanks

Patented August 13, 1895



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These Chucks are identical with those shown on pages 98 and 99, except in the style of the shank. We are offering them with shanks of this description because it is often a matter of great convenience to have a Chuck of this character to use in an ordinary Bit Brace.

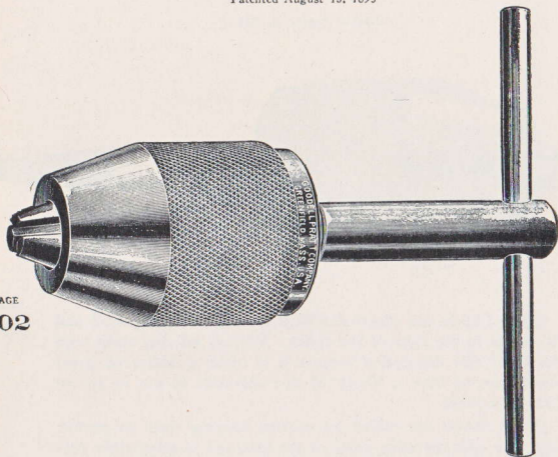
These shanks are milled on centers, keeping them in perfect alignment with the other parts of the tool, and insuring their running well, providing, of course, that the jaws in which they are to be held are equally accurate.

No. 14B to $\frac{5}{32}$ inch, each.....	(SANEB)	\$2.00
No. 15B to $\frac{1}{4}$ inch, each.....	(SALEB)	2.50
No. 15 $\frac{1}{2}$ B to $\frac{3}{8}$ inch, each.....	(SEARB)	3.50
No. 16B to $\frac{1}{2}$ inch, each.....	(SCARB)	4.50

Each Chuck packed in a box.

Chucks with Cross Handles

Patented August 13, 1895



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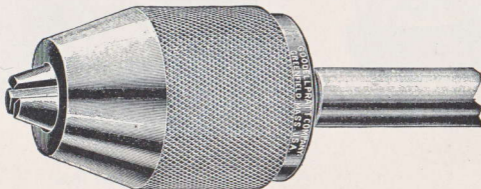
These Chucks are identical with those shown on pages 98 and 99, except in the style of the shank. This idea of attaching a Cross Handle to the shank is not a new one, but one which has been much in vogue in the assembling of small and large machinery where Reamers and Taps have often to be used for cleaning holes and removing burrs; they are made in four sizes, as listed below:

No. 14C	to $\frac{5}{8}$ inch, each(SANEC)	\$2.00
No. 15C	to $\frac{1}{4}$ inch, each(SALEC)	2.50
No. 15 $\frac{1}{2}$ C	to $\frac{3}{8}$ inch, each(SEARC)	3.50
No. 16C	to $\frac{1}{2}$ inch, each(SCARC)	4.50

Each Chuck packed in a box.

Left Hand Drill Chucks

Patented August 13, 1895



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These Chucks are identical with those shown and described on pages 98 and 99, except that the spindles are made with *left-hand* threads and can be used upon machines running left-handed.

Fitted with $\frac{1}{2}$ -inch or $\frac{1}{4}$ -inch shanks, or with Morse Taper Shanks, as desired.

		Straight Shanks $\frac{1}{2}$ inch or $\frac{1}{4}$ inch Each	Morse Taper No. 1 or No. 2 Each
No. 14L.H.	to $\frac{5}{8}$ inch.....(ABFT)	\$1.50	\$2.00
No. 15L.H.	to $\frac{1}{2}$ inch.....(ABACK)	2.00	2.50
No. 15 $\frac{1}{2}$ L.H.	to $\frac{3}{8}$ inch.....(ABET)	3.00	3.50
No. 16L.H.	to $\frac{1}{2}$ inch.....(ABASE)	4.00	4.50

Each Chuck packed in a box.

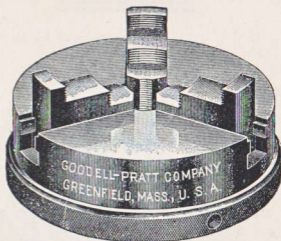
Half-inch Shanks sent unless otherwise specified.

Scroll Chucks



No. 180 $\frac{1}{2}$

Showing Inside Jaws



No. 182

Showing Outside Jaws

Tools of this character are too well known to require detailed description. We find users of our tools insisting that we supply them with small Scroll Chucks in 2, 3, and 4-inch sizes; we are therefore offering a line designed particularly with the view to eliminating, in so far as it is possible to do so the weak points in other similar tools now on the market. We believe we have produced a Chuck strong and serviceable which can be sold at a moderate price.

The Jaws are hardened, other steel parts are polished bright. No Face Plates are furnished. Jaws are not interchangeable, each set being fitted to its own Chuck.

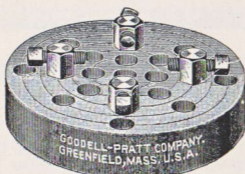
	Each
No. 180 2 inches in diameter, outside jaws only (BABBLE)	\$5.00
No. 180 $\frac{1}{2}$ 2 inches in diameter, both outside and inside jaws (BABOON)	6.50
No. 181 3 inches in diameter, outside jaws only (BADGER)	6.00
No. 181 $\frac{1}{2}$ 3 inches in diameter, both outside and inside jaws (BAFFLE)	7.50
No. 182 4 inches in diameter, outside jaws only (BAILIFF)	7.00
No. 182 $\frac{1}{2}$ 4 inches in diameter, both outside and inside jaws (BALANCE)	9.00

Each Chuck packed in a box.

Goodell-Pratt Company

Odd Jobs Chuck

No. 179



This Chuck is, as its name implies, suitable for a variety of work. Unique in its construction it will hold almost any shape within the range of its capacity. It can be used for outside or inside work by simply turning the studs about; the holes are so spaced that any size piece from $\frac{1}{8}$ inch to $3\frac{1}{4}$ inches in diameter can be firmly secured. The back is recessed for a 3-inch face plate, drilled and tapped for screws $\frac{1}{4}$ inch No. 20 thread; these screws are furnished with the Chuck. Its extreme diameter is $5\frac{1}{2}$ inches; it is 1 inch thick, has five rows of holes, and is so constructed that the bearing point comes $\frac{1}{8}$ inch from the face of the Chuck; the screws which act as the bearings are hardened and tempered, the studs fit accurately in their places, making a thoroughly practical and useful device and furnishing what is in reality a 5-inch Chuck at a remarkably low figure.

Price, each.....(YEAST) \$4.00

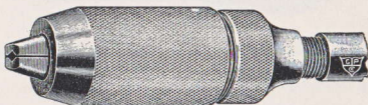
Packed one Chuck in a box.

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Chuck for Square Shanks

No. 17

Patented March 31, 1896



This tool will be found useful for machines in which it is desired to use Drills or Bits with square shanks.

It is well made, nicely finished, strong, and accurate.

Fitted with $\frac{1}{2}$ -inch spindles.

Price, each.....(MARBLE) \$2.00

These can be fitted with $\frac{3}{4}$ -inch spindles, if desired.

Bit Brace Extensions



These Brace Extensions are simple in their construction, being made of but two pieces, the shank part having a square taper hole swaged in one end and a loose sleeve with a milled opening through which the shank of the bit can be inserted; the loose sleeve runs on a fine thread, insuring a strong, positive grip. They are made in two sizes, as noted below, one size for $\frac{5}{8}$ -inch Bit and the other size for $\frac{3}{4}$ -inch Bit, and are furnished in various lengths, as listed. They are made entirely of steel, nicely polished, with knurling, as shown in cut.

To follow $\frac{5}{8}$ -inch Bits:

No. 450.	12 inch.....	(BALM)	\$1.50
No. 451.	15 inch.....	(BALD)	1.50
No. 452.	18 inch.....	(BANE)	1.50
No. 453.	21 inch.....	(BASTE)	1.50
No. 454.	24 inch.....	(BEAU)	1.75

To follow $\frac{3}{4}$ -inch Bits:

No. 530.	18 inch.....	(BIGHT)	1.75
No. 531.	24 inch.....	(BLAIN)	2.00

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Bit Brace Chucks with Long Shanks

No. 207



These Chucks are the same in construction as those used upon our No. 07 Breast Drill. They are furnished with shanks of various lengths, as listed below:

	Each
12 inch.....	(MACE) \$1.25
15 inch.....	(MICE) 1.25
18 inch.....	(MECE) 1.25
20 inch.....	(MOCE) 1.25
24 inch.....	(MUCE) 1.25

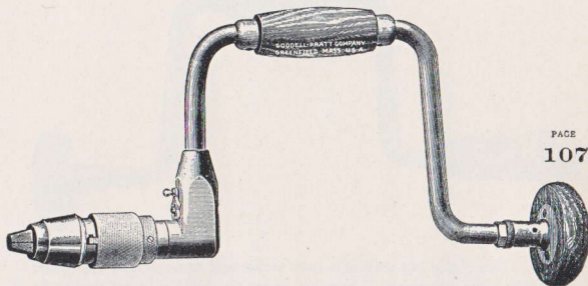
Packed one in a box.

Goodell-Pratt Company

Goodell-Hay Ratchet Brace

Goodell Patent, December 27, 1892. Hay Patent, September 18, 1894

With Quick-Action Chuck



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Forged Steel Sweep and Jaws, Malleable Iron Socket and Shell, Adjustable Cocobolo Handle and Lignum-vitæ Head, Full Polished and Nickel Plated.

Ball-bearing Head.

This Brace is fitted with the Hay Patent Quick-Action Chuck, requiring only one half a turn to either tighten or loosen the same, no matter what the size of the bit shank may be.

All mechanics will appreciate the saving of time this feature will afford them.

	Per Dozen
14-inch sweep.....(OVAL)	\$45.00
12-inch sweep.....(ORATE)	42.00
10-inch sweep.....(OCULT)	39.00
8-inch sweep.....(OSSIFY)	36.00

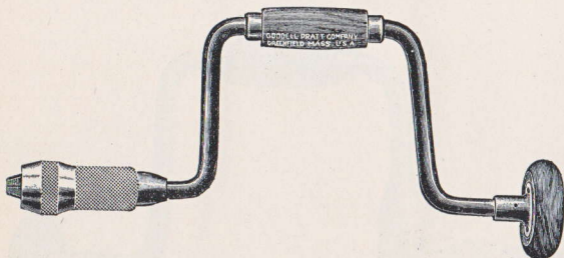
Packed one sixth dozen in a box.

Goodell-Pratt Company

Plain Braces

Patented December 27, 1892

Full Polished and Nickel Plated



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This Brace has malleable iron socket and shell, forged steel jaws that open when shell is loosened to receive the Bit, cocobolo handle and lignum-vitæ head. The Centers upon which the handle runs are adjustable steel collars, which can be taken up to compensate for wear.

		Per Dozen
No. 208.	8-inch sweep.....(QUENCH)	\$24.00
No. 210.	10-inch sweep.....(QUAIL)	27.00
No. 212.	12-inch sweep.....(QUOIT)	30.00
No. 214.	14-inch sweep.....(QUIT)	33.00

Packed one sixth dozen in a box.

Weight, 33 pounds per dozen.

Whimble Braces

We make the above Braces in two sizes with double sweep or whimble pattern.

No. 260.	10 inch, per dozen.....(QUANCE)	\$37.00
No. 262.	12 inch, per dozen.....(QUAX)	40.00

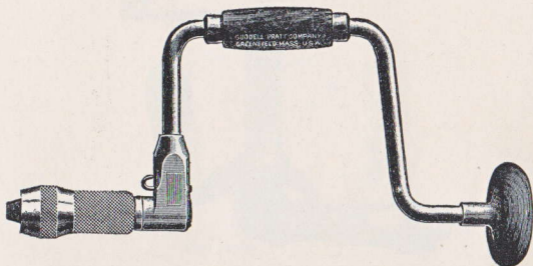
Packed one sixth dozen in a box.

Goodell-Pratt Company

Ratchet Braces

Patented December 27, 1892

Full Polished and Nickel Plated



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109

This Ratchet Brace, strong in construction and handsome in finish, is destined to become one of the most popular Braces on the market. The Ratchet design is new and unique; the pawls are strong and positive in action; the pawl-opener is made from one piece of steel, while the ball bearings in the head are contained in a dust-proof compartment within the quill.

	Per Dozen
No. 408. 8-inch sweep.....(QUICK)	\$33.00
No. 410. 10-inch sweep.....(QUEST)	36.00
No. 412. 12-inch sweep.....(QUACK)	39.00
No. 414. 14-inch sweep.....(QUILL)	42.00

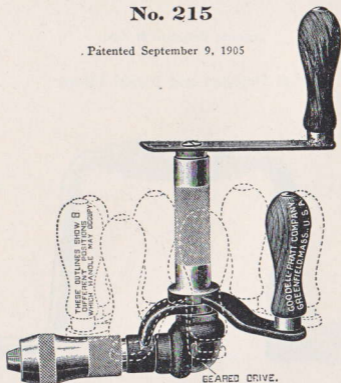
Packed one sixth dozen in a box

Weight, 33 pounds per dozen.

Universal Corner Brace

No. 215

Patented September 9, 1905



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It would hardly be possible in a brief description to embody all the good points in the make-up, construction, and working of this tool. It is, in every sense of the word, a Universal Corner Brace; the steadying handle attached to the knurled sleeve can occupy any one of the eight positions shown in the cut; the geared drive is completely inclosed; the operating handle is adjustable to two different lengths; the chuck provided is fitted with one set of jaws for holding square shanks; the bright parts are fully polished and nickel plated; the other portions of this tool are japanned, as shown in the cut. The distance from gearing to end of chuck, 6 inches; length from extreme end of operating handle to gearing, 10 inches; weight of each tool, 3 pounds.

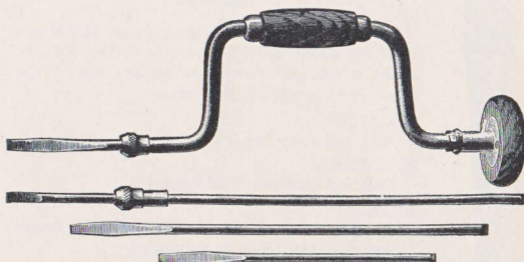
Price, each.....(QUIVER) \$3.00

Packed one in a box, $7\frac{1}{4} \times 7\frac{1}{4} \times 1\frac{3}{4}$ inches.

Weight, $3\frac{1}{2}$ pounds.

Brace Screw-Driver Set

No. 230



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111

This Brace has a 6-inch steel sweep, cocobolo head and handle, and a Chuck for holding the interchangeable blades, which are four in number, varying in length from 4 to 12 inches, made from tool steel, carefully tempered. It has also a 12-inch extension, which, in combination with the blades, gives lengths of 4, 8, 12, 16, 20, or 24 inches. The whole tool is full polished and nickel plated.

List, each, complete, as shown(QVE) \$1.75

Packed one in a box, $12\frac{1}{4} \times 4\frac{1}{4} \times 3\frac{1}{2}$ inches.

Weight, $2\frac{1}{4}$ pounds.

Goodell-Pratt

BRAND

German Pattern Bits

No. 444

If you are looking for a good article, and if you want the VERY FINEST German Pattern Bit ever made, it will pay you to investigate; and if you investigate you will buy this one.

BECAUSE

Each and every one is HAND MADE.

BECAUSE

Each and every one is oil tempered.

BECAUSE

Each and every one will bore faster and last longer than any other brand on the market.

BECAUSE, also,

EVERY BIT IS WARRANTED, and will be REPLACED WITHOUT CHARGE, if not satisfactory.



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		Per Dozen
$\frac{1}{32}$ inch	(TOOTH)	\$1.50
$\frac{2}{32}$ inch	(THUMB)	1.50
$\frac{3}{32}$ inch	(TONGUE)	1.50
$\frac{4}{32}$ inch	(TRAIN)	1.50
$\frac{5}{32}$ inch	(TASK)	1.50
$\frac{6}{32}$ inch	(TEAM)	1.50
$\frac{7}{32}$ inch	(TRUMPET)	1.50
$\frac{8}{32}$ inch	(TICKET)	1.50
$\frac{9}{32}$ inch	(TARGET)	1.50
$\frac{10}{32}$ inch	(TUMBLE)	1.50
$\frac{11}{32}$ inch	(TRAMPLE)	1.50
$\frac{12}{32}$ inch	(TENDER)	1.50
Assorted, $\frac{4}{32}$ to $\frac{8}{32}$ inch	(TREMBLE)	1.50

Packed one dozen in a box.

Goodell-Pratt

Spiral Ratchet Screw-Driver

No. 111

Patent Applied For

With Three Interchangeable Tool Steel Blades

Length, extended, with Blade in place, 18 inches.

Length, closed, with Blade removed, 10 inches.

Angle Slant of Spiral, 20°

This tool is a strong, heavy, practical Automatic Screw-Driver, capable of either right or left hand work automatically or by using the ratchet mechanism, and can also be made a stationary Screw-Driver by turning the knurled shell until it registers at the star marked on the polished ferrule.

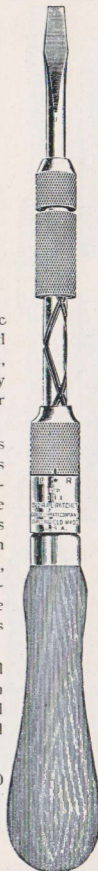
The mechanism of this tool is as simple as it is possible to make it and provide for the various changes necessary to accomplish the right, left, rigid, automatic, or ratchet work. The dogs operating upon the spiral nuts are made of a special tool steel, the changes being accomplished by a formed ring contained within the knurled shell; this ring, when the shell is turned, shifts the dogs to the required position. If the operator desires to take the tool to pieces, he should use care in reassembling, and see that each part is in its proper place.

The grooves of the spiral should be kept well oiled with good lubricating oil. The entire bearing in an Automatic Screw-Driver is upon the internal thread of the spiral nut; they will wear out easily if allowed to run dry.

Price, per dozen.....(ASTER) \$30.00

Each tool packed in a box, $10\frac{1}{4} \times 1\frac{3}{4} \times 1\frac{3}{4}$ inches.

Weight, per dozen, 12 pounds.



Automatic Interchangeable Screw-Drivers

No. G40

Patented July 22, 1890; November 17, 1891

This tool is made to be used as an Automatic, Ratchet, or a Plain Screw-Driver; therefore if it is found that a screw cannot be driven by using it automatically, it is readily done by using it as a Ratchet or Plain Screw-Driver.

The Bits are forged from the best cast steel, nicely finished, of different sizes, enabling the operator to select one to fit any size of screw he may wish to use. These Bits can be instantly interchanged and secured in the Chuck provided for the purpose.

It is simple in its construction, strong and durable, will not get out of order, and is unquestionably the most popular and most practical Automatic Screw-Driver on the market.

The sliding sleeve at "A" will be at once understood and appreciated.

The handle is of thoroughly seasoned hard wood, nicely finished. The whole tool is not only attractive, but also very strong and durable.

It is made in three sizes, Nos. 1, 2, and 3, as mentioned below.

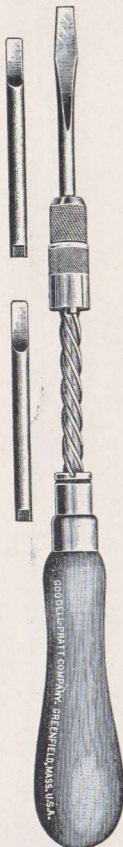
The slant of the spiral determines the relative power of Automatic Screw-Drivers. The less the slant-angle, the greater the power. The No. 1 spiral slants 40°; the No. 2 spiral slants 30°; the No. 3 spiral slants 20°. The No. 3 is recommended for heavy work.

Each with three Bits		Per Dozen
No.		
1.	Length, extended, 14 in (ABROAD)	\$21.00
2.	Length, extended, 16 in (ABREAST)	24.00
3.	Length, extended, 18 in (AGATE)	27.00
Extra Bits		2.00

Each Screw-Driver is packed in a strong paper box.

Shipping weight, about 8 pounds per dozen.

For Drill Attachments fitting these Screw-Drivers, see page 117.



Reversible Automatic Interchangeable Screw-Driver

No. 22

Patented October 5, 1897

The cut on this page represents the simplest, the most compact, the strongest, and in every way the most practical tool for both driving and drawing screws automatically, yet produced.

It has two separate and distinct spirals, each working entirely independent of the other.

This Screw-Driver is of the same general appearance and relative size as the Goodell-Pratt Screw-Driver, No. 2.

Unquestionably the finest specimen of mechanical ingenuity ever shown in a Screw-Driver.

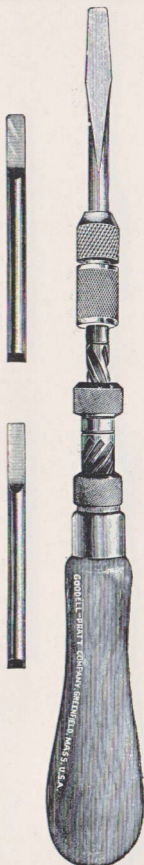
Each with three Bits

Price, per dozen..... (APPEAR) \$30.00

Length, with one spiral out, $16\frac{1}{2}$ inches.

Packed one in a box, $9 \times 2 \times 1\frac{3}{4}$ inches.

Weight, about 11 pounds per dozen.



Reversible Automatic Interchangeable Screw-Driver

No. 555

With Three Tool Steel Blades

The operating and shift mechanism of this tool is contained within the knurled ferrule nearest the handle and is regulated as follows: Turn the ferrule to the right for right-hand work, to the left for left-hand work; when in the center both operating nuts are held rigid, making a rigid Screw-Driver. It is provided with three interchangeable Blades after the manner of other Screw-Drivers manufactured by us; these Blades are of the very best tool steel, tempered in oil, and they are practically unbreakable. The springs and dogs contained in the operating mechanism are spring steel, oil tempered, and every part of the tool is so constructed as to make it not only a practical tool, but a durable one; the finish is of our usual high order; the handle is made of hard wood in a polished mahogany finish.

Length, extended, 18½ inches.

Price, per dozen..... (ARGOL) \$30.00

Each tool packed in a box, 10¼ x 1¼ x 1¼ inches.

Weight, per dozen, 12 pounds.



Drill Attachments for Goodell-Pratt Automatic Screw-Drivers



Consisting of a Chuck and eight Drill Points, as shown in cut.

CHUCK.—Same as is used on Automatic Drills—Brass with nickel-plated Nut.

SHANK.—Steel, milled to fit the socket of an Automatic Screw-Driver.

EQUIPMENT.—Eight Fluted Drill Points.

We are offering this set as an attachment for the Goodell Automatic Screw-Driver to enable the operator to convert the same into an Automatic Drill, thus combining two tools in one.

It will be readily appreciated.

No.	Per Dozen Sets
1. Fitting No. 1 Automatic Screw-Driver.....	(HAMLET) \$9.00
2. Fitting No. 2, 22, 111, or 555 Automatic Screw-Driver	(HALLOW) 9.00
3. Fitting No. 3 Automatic Screw-Driver	(HALTER) 9.00

Each set in a box, $4\frac{1}{4} \times 1\frac{1}{4} \times 1\frac{1}{4}$ inches.

Weight, per dozen, $2\frac{1}{4}$ pounds.

Reciprocating Automatic Screw-Driver

No. 100

This Screw-Driver is for driving screws only; its motion when in use is continuous in one direction and it cannot be reversed.

Moving the traveling handle up and down turns the spiral continually to the right. It will be found of great use where large numbers of screws have to be rapidly driven in either soft wood or soft metal.

This tool is exactly like the No. 101 shown on page 17 except in the Chuck; the construction of this part is the same as that employed upon our automatic Screw-Drivers, and is arranged to firmly hold the three Screw-Driver Blades furnished with it.

Ball-bearing Lignum-vitæ Head.

Polished Cherry Traveling Handle, $4\frac{1}{2}$ inches long.

Steel spiral slanting 20° .

Length, 16 inches.

Price, per dozen..... (CARP) \$24.00

Packed one in a box.

Weight, $1\frac{1}{4}$ pounds.

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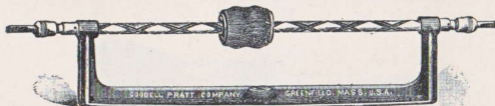
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Goodell-Pratt Company

Bench Automatic Screw-Driver

No. 32



This tool is designed, built, and peculiarly adapted for bench work, where large numbers of screws have to be driven into place in the assembling of small hardware or the parts of small tools or machines.

The Frame can be securely fastened to the bench, and the moving back and forth of the Traveling Handle gives a continuous rotary motion to the Screw-Driver Blade, which is firmly secured in a suitable Chuck.

It will be noted that each end is fitted with a Chuck and Blade, one for right hand and the other for left hand.

This tool is particularly recommended for driving small screws into iron, steel, brass, or porcelain, where holes have been previously tapped; the spiral slants twenty degrees, making it easy in action and powerful in effect.

Two Screw-Driver Blades from the best tool steel are furnished with each, but special blades particularly adapted for the work to be performed can be readily made, and will be found extremely desirable.

The Frame is finished in black enamel, all steel parts are polished, the Traveling Handle is of dark cherry with nickel-plated flanges.

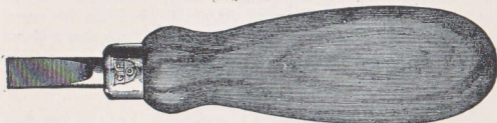
Price, each.....(APFALL) \$3.00

Each tool packed in a box, 18 $\frac{1}{2}$ x 4 $\frac{1}{2}$ x 2 inches.

Shipping weight, 3 pounds.

Gunsmith's Screw-Driver

No. 33



Every Blade Warranted

We are offering this little Screw-Driver because our friends have made so many demands upon us for a tool of this character which they can sell at a reasonable price and still be able to guarantee its quality.

It is made in one size only, with the Blade protruding about one inch. The very best steel obtainable is used in making this Blade, which is securely fastened into a polished cherry handle.

Price, per dozen.....(APPLAUD) \$3.00

Packed one half dozen in a box, 6 $\frac{1}{2}$ x 4 $\frac{1}{2}$ x 1 $\frac{1}{2}$ inches.

Weight, per dozen, 1 $\frac{1}{4}$ pounds.

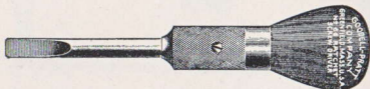
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Goodell-Pratt Company

Ratchet Screw-Drivers

No. 66



Style of 1½, 2, 3 inch



Style of 4, 5, 6, 8, 10 inch

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In putting on the market this line of Screw-Drivers, we are offering to the trade tools which will make a reputation for themselves, because of their strength and durability, and while we do not expect to meet the price of the cheaper lines, which have for years flooded the market, we intend to make a Screw-Driver which will stand the test of the user, and sell it at a fair price.

The Blades are made from tool steel, oil tempered, and the ratchet teeth are cut directly into the stem of the blade; the dogs and springs which go to make up the ratchet mechanism are made from tool steel, and are oil tempered; changes from right to left are made by turning the knurled ferrule, to the right for right-hand work and to the left for left-hand work. Price only will not sell these tools; quality will.

LIST

	Per Dozen		Per Dozen
1½ inches..... (ALLAY)	\$5.00	5 inches..... (ANTOR)	\$7.25
2 inches..... (ALLEY)	5.00	6 inches..... (ARMER)	8.00
3 inches..... (ALLOY)	6.00	8 inches..... (AMUR)	9.00
4 inches..... (ARDER)	6.50	10 inches..... (AMEER)	10.00

Packed one half dozen in each box.

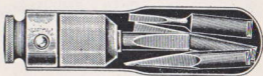
Goodell-Pratt Company

Pocket Screw-Driver Set

No. 231



This little Pocket Screw-Driver Set, with three blades of assorted sizes and one reamer for making or enlarging holes, will be found most convenient and attractive. In the explanatory cut the tool is shown in its closed form with a side cut away to show the location of the different blades in the handle. The tool is fully polished, nickel plated, and buffed. It is $3\frac{1}{2}$ inches long, closed, and weighs 4 ounces.



Price, each.....(ACUTE) \$0.50

Packed one in a box.

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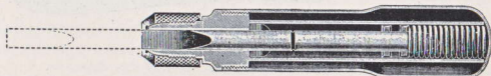
Pocket Screw-Driver

No. 232



This Pocket Screw-Driver, shown in the regular cut in an open position, can be closed by pressing upon the end of the blade and giving a slight turn to the Knurled Nut, and will remain in a closed position until the Knurled Nut is loosened, when the Screw-Driver Blade immediately springs into place. This unique feature will insure its popularity; the handle is full polished and nickel plated; the blade is of the best quality, and the price for a device of this character is very interesting.

Length, closed, $4\frac{1}{4}$ inches; length, open, 6 inches; weight, 4 ounces.



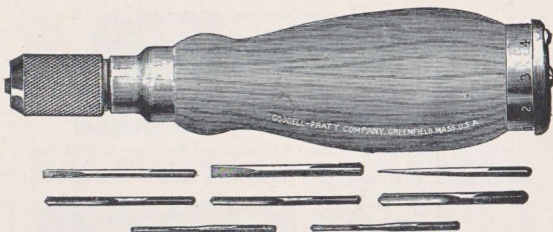
Price, each.....(ADAGE) \$0.50

Packed one in a box.

Goodell-Pratt Company

Turret Head Tool Set

No. 10



The five Fluted Awls will be found vastly superior to the old-fashioned kind, as the liability of their splitting the work when in use is reduced to a minimum. The two Screw-Driver Blades are of different sizes, and the Scratch Awl will be found oftentimes useful. They are made from drill wire, and are carefully tempered. The handle is made of polished hard wood, and all mountings are nickel plated.

Price, per dozen.....(CARMEN) \$8.00

Packed one in a box, $5\frac{1}{4} \times 2 \times 1\frac{3}{4}$ inches.

Weight, 6 ounces.

Universal Tool Handle

No. 13.



This is the same handle regularly furnished with our Home Companion Tool Sets, and is well adapted for holding any tools having square shanks, like or similar to those usually found upon tools of this character.

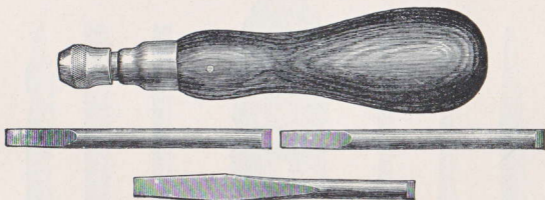
The handle is made of polished hard wood, with nickeled ferrule and shell.

Price, per dozen.....(CERATE) \$6.00

Packed one in a box, $7\frac{3}{4} \times 2 \times 1\frac{3}{4}$ inches.

Screw-Driver Set

No. G25



This set consists of a hard-wood Handle, nicely finished, a strong Chuck, and three warranted Screw-Driver Blades, carefully tempered and highly polished.

Price, per dozen (BELONG) \$6.00

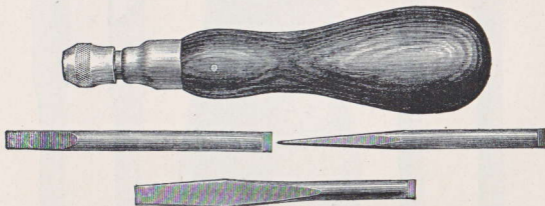
Each set packed in a box, $6\frac{1}{2} \times 1\frac{1}{4} \times 1\frac{3}{4}$ inches. Weight, 8 ounces.

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Screw-Driver Set

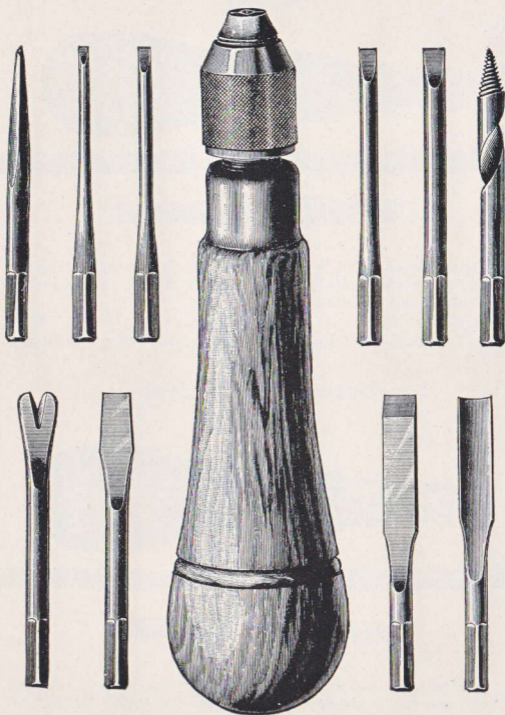
No. G20



This set consists of a hard-wood Handle, nicely finished, a strong Chuck, and two Screw-Driver Blades, and one square Reamer, all made from the very best steel, carefully tempered, and highly polished.

Price, per dozen (BEFORE) \$6.00

Each set packed in a box, $6\frac{1}{2} \times 1\frac{1}{4} \times 1\frac{3}{4}$ inches. Weight, 8 ounces.



Hollow-Handle Tool Set

No. 11

We have had so many inquiries for a set of this character that we see no need of apologizing for having produced one.

The cut on the opposite page will give a good idea of their general appearance.

HANDLE.—Polished Cocobolo.

TOOLS.—Ten in number, hardened and tempered from best cast steel, and nicely finished.

CHUCK.—Nickel Plated, and constructed with special regard for strength and durability.

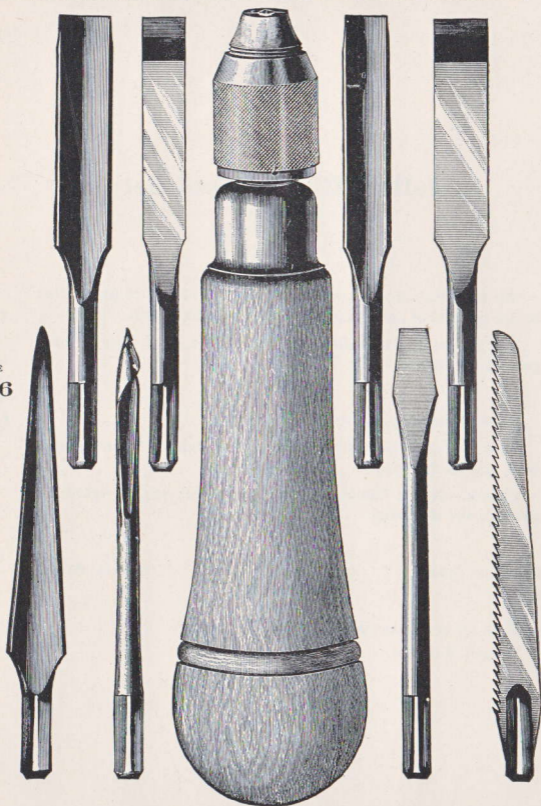
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Price, per dozen.....(CEMENT) \$12.00

Each set in a separate box, $6\frac{1}{4} \times 2 \times 1\frac{3}{4}$ inches.

Weight, 9 ounces.



Hollow-Handle Tool Set

No. 12

This set will be found of the same high quality as the No. 11, differing only in being larger and equipped with only eight tools. These are, however, of sufficient size to make them practical to use in much more than an amateur way.

HANDLE.—Polished Cocobolo.

TOOLS.—Eight in number, as shown in cut, made from best cast steel, carefully hardened and tempered.

CHUCK.—Nickel Plated, and constructed with special regard to strength and durability.

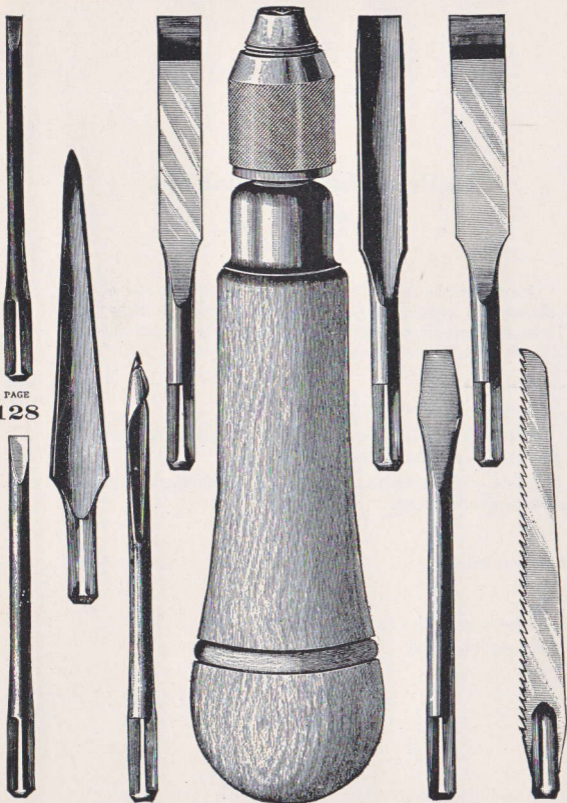
Price, per dozen (CHARGER) \$20.00

Packed one set in a box, $7\frac{1}{2} \times 2 \times 2$ inches.

Weight, 13 ounces.

Goodell-Pratt Company

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Hollow-Handle Tool Set

(No. 12 $\frac{1}{2}$)

The annexed cut represents our No. 12 $\frac{1}{2}$ Tool Set. As seen in the assortment of tools, the list covers about all the requirements demanded of this class of tools.

Following are the specifications:

HANDLE.—Polished Cocobolo.

TOOLS.—Nine in number, oil tempered.

CHUCK.—Nickel Plated, and constructed with special regard to strength and durability.

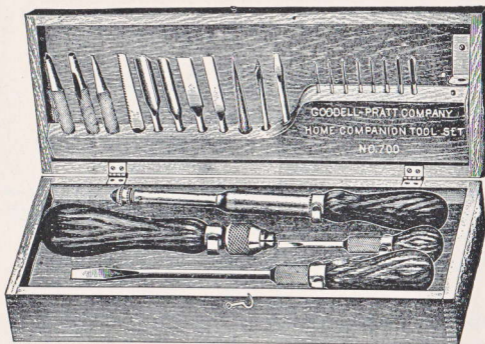
Price, per dozen..... (CHARMER) \$20.00

Packed one set in a box, 7 $\frac{1}{2}$ x 2 x 2 inches.

Weight, 13 ounces.

Home Companion Tool Set

No. 700



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Containing an assortment of high-grade tools of exceptional value in the household, office, or workshop. They are conveniently arranged in a polished hard-wood case. Needs only to be seen to be appreciated. This case contains the following:

- 1 Ratchet Screw-Driver, 6 inch.
- 1 Ratchet Screw-Driver, $1\frac{1}{2}$ inch.
- 1 Cocobolo Handle Automatic Drill.
 - 8 Drills for same from $\frac{1}{8}$ inch to $\frac{11}{16}$ inch.
- 1 Universal Tool Handle for holding:
 - 2 Gouges. 1 Saw.
 - 2 Chisels. 1 Gimlet.
 - 1 Reamer. 1 Screw-Driver.
- 1 Nail Set.
- 1 Prick Punch.
- 1 Saddlers' Driver Punch.

Size of case, $13\frac{1}{8}$ x $5\frac{1}{2}$ x 3 inches.

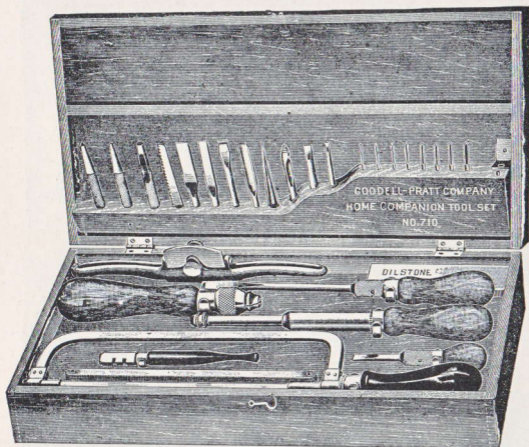
Price, list each, complete, as shown.....(PANTRY) \$5.00

Weight, 4 pounds.

Goodell-Pratt Company

Home Companion Tool Set

No. 710



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Containing a very complete assortment of high-grade tools of exceptional value to the household, office, or workshop. They are conveniently arranged in a polished hard-wood case, useful for odd jobs anywhere. This case contains the following:

- 1 Ratchet Screw-Driver, 6 inch.
- 1 Ratchet Screw-Driver, 1½ inch.
- 1 Hand Shave.
- 1 Hack Saw Frame.
- 6 Coarse Teeth Blades for same.
- 3 Fine Teeth Blades for same.
- 2 Extra Fine Teeth Blades for same.
- 1 Polished Bone Saw for same.
- 1 Glass Cutter.
- 1 Cocobolo Handle Automatic Drill.
- 8 Drills for same from ⅛ inch to ½ inch.

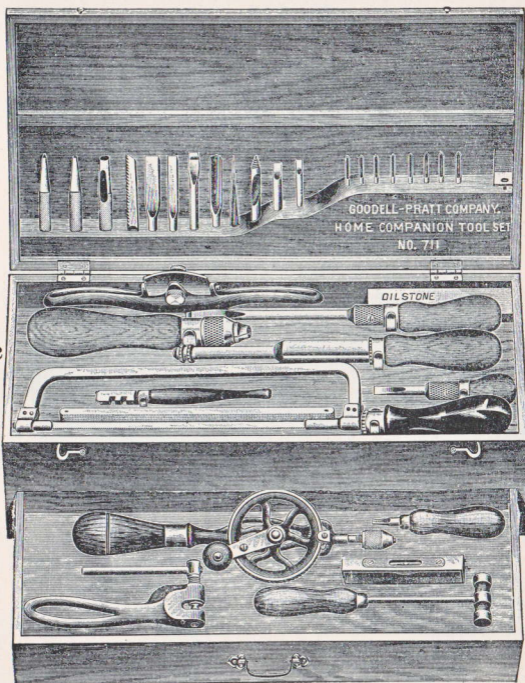
- 1 Tool Handle, for holding:
 - 1 Gouge.
 - 2 Chisels.
 - 1 Screw-Driver.
 - 2 Brad Awls.
 - 1 Gimlet.
 - 1 Reamer.
 - 1 Saw.
- 1 Nail Set.
- 1 Prick Punch.
- 1 Saddlers' Drive Punch.
- 1 Solid Punch.
- 1 Oil Stone.

Size of case, 16 x 8½ x 3½ inches.

Price, list each, complete as shown.....(PARADE) \$7.50

Weight, 7¾ pounds.

Goodell-Pratt Company



Home Companion Tool Set

No. 711

The extreme popularity of the two Home Companion Tool Sets shown in our previous Catalog has created a demand for a still larger assortment of these special tools, put up in the same attractive manner as shown in the cut on the opposite page. The upper part of the case contains the same tools put up with our No. 710, the additional equipment is contained in the drawer below; a complete list is appended herewith:

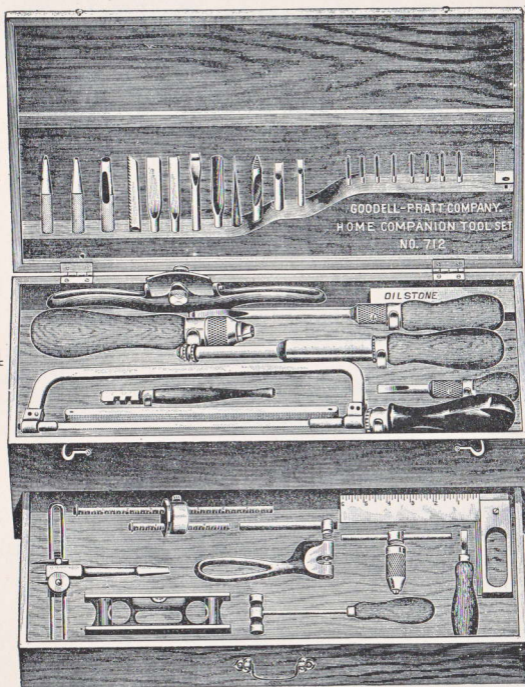
- 1 Hand Drill, with Three-Jawed Chuck and eight Drill Points.
- 1 4-inch Iron Level.
- 1 Metal Punch.
- 1 Brass Hammer.
- 1 Gunsmiths' Screw-Driver.
- 1 Ratchet Screw-Driver, 6-inch.
- 1 Ratchet Screw-Driver, 1½-inch.
- 1 Hand Shave.
- 1 Hack-Saw Frame.
 - 6 Coarse Teeth Blades for same.
 - 3 Fine Teeth Blades for same.
 - 2 Extra Fine Teeth Blades for same.
 - 1 Polished Bone Saw for same.
- 1 Glass Cutter.
- 1 Cocobolo Handle Automatic Drill.
 - 8 Drills for same, from ⅛ inch to ¾ inch.
- 1 Tool Handle for holding:
 - 1 Gouge.
 - 2 Chisels.
 - 1 Screw-Driver.
 - 2 Brad Awls.
 - 1 Gimlet.
 - 1 Reamer.
 - 1 Saw.
- 1 Nail Set.
- 1 Prick Punch.
- 1 Saddlers' Drive Punch.
- 1 Solid Punch.
- 1 Oil Stone.

Size of Case, 16 x 8½ x 5½ inches.

Price, list, complete as shown.....(PAGAN) \$12.00

Weight, 11½ pounds.

Goodell-Pratt Company



Home Companion Tool Set

No. 712

This assortment covers a little wider field than any of the series before described. The contents of the lower drawer we commend particularly to your attention. A complete list of the tools contained in this assortment is appended herewith:

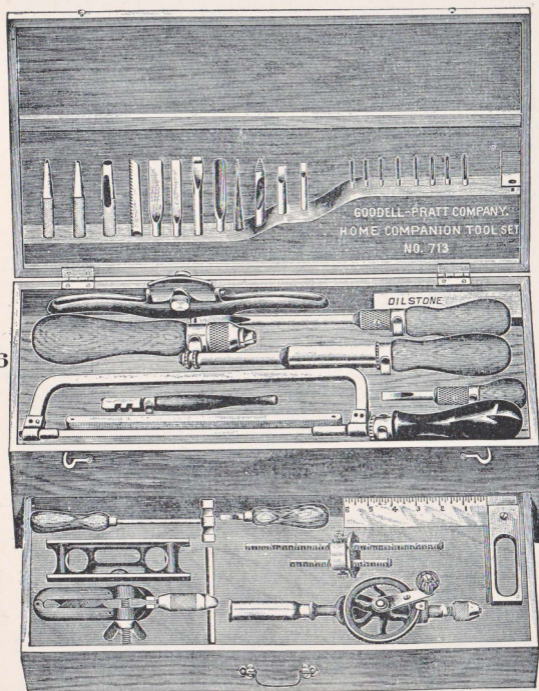
- 1 6-inch All Steel Try Square, graduated blade.
- 1 6-inch Iron Level, with Double Plumb.
- 1 Double Beam Combination Roller Gauge.
- 1 Washer Cutter.
- 1 Gunsmiths' Screw-Driver.
- 1 Tool or Tap Holder for holding small tools with square shanks.
- 1 Brass Hammer.
- 1 Lever Metal Punch.
- 1 Ratchet Screw-Driver, 6-inch.
- 1 Ratchet Screw-Driver, 1½-inch.
- 1 Hand Shave.
- 1 Hack-Saw Frame.
 - 6 Coarse Teeth Blades for same.
 - 3 Fine Teeth Blades for same.
 - 2 Extra Fine Teeth Blades for same.
 - 1 Polished Bone Saw for same.
- 1 Glass Cutter.
- 1 Cocobolo Handle Automatic Drill.
 - 8 Drills for same, from ⅜ inch to ¾ inch.
- 1 Tool Handle for holding:
 - 1 Gouge.
 - 2 Chisels.
 - 1 Screw-Driver.
 - 2 Brad Awls.
 - 1 Gimlet.
 - 1 Reamer.
 - 1 Saw.
- 1 Nail Set.
- 1 Prick Punch.
- 1 Saddlers' Drive Punch.
- 1 Solid Punch.
- 1 Oil Stone.

Size of Case, 16 x 8½ x 5½ inches.

Price, list, complete as shown.....(PADDOCK) \$15.00

Weight, 13½ pounds.

Goodell-Pratt Company



Home Companion Tool Set

No. 713

This is the most elaborate assortment that we put up. It contains a large variety of special tools, all the very best quality. A complete list is appended herewith:

- 1 6-inch All Steel Try Square, graduated blade.
- 1 6-inch Iron Level, with Double Plumb
- 1 Double Beam Combination Roller Gauge
- 1 Gunsmiths' Screw-Driver
- 1 Tool or Tap Holder for holding small tools with square shanks.
- 1 Geared Hand Drill, fitted with Three-Jawed Chuck and equipped with 8 Drill Points.
- 1 Small Brass Hammer
- 1 Drop Forged Hand Vise
- 1 Ratchet Screw-Driver, 6-inch
- 1 Ratchet Screw-Driver, 1½-inch
- 1 Hand Shave
- 1 Hack-Saw Frame
 - 6 Coarse Teeth Blades for same.
 - 3 Fine Teeth Blades for same.
 - 2 Extra Fine Teeth Blades for same.
 - 1 Polished Bone Saw for same.
- 1 Glass Cutter.
- 1 Cocobolo Handle Automatic Drill
 - 8 Drills for same, from ⅛ inch to ¼ inch.
- 1 Tool Handle for holding
 - 1 Gouge.
 - 2 Chisels.
 - 1 Screw-Driver.
 - 2 Brad Awls.
 - 1 Gimlet.
 - 1 Reamer.
 - 1 Saw.
- 1 Nail Set.
- 1 Prick Punch.
- 1 Saddlers' Drive Punch.
- 1 Solid Punch.
- 1 Oil Stone.

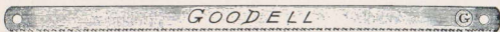
Size of Case, 16 x 8½ x 5½ inches.

Price, list, complete as shown.....(PALLET) \$17.50

Weight, 14 pounds.

Goodell-Pratt Hack-Saw Blades

Trade Mark



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What constitutes a good Hack-Saw Blade is a question often asked and seldom satisfactorily answered. To the sight, the various makes of this article are quite similar in appearance, but they are often found to differ vastly in cutting and wearing qualities. It is desirable that the Blade should be as thin as possible, for a thick Blade consumes time and wastes material. It is necessary that a Blade should be hard, otherwise it will not work satisfactorily upon all classes of material. They should be free and easy cutters, for the rapidity with which they perform their work demonstrates a great portion of their value.

Goodell-Pratt Hack-Saw Blades are made from the finest quality of hot-rolled sheet steel; they are sharpened and set by a peculiar process of our own, which makes them remarkably fast cutters; and they are tempered in the most approved manner. They are made with 14 teeth to the inch for general work; we also make Blades with 20 teeth to the inch for brass and the heavier grades of tubing, and in the 8 and 9 inch sizes we can furnish Blades with 32 teeth to the inch, these especially adapted for thin steel bicycle tubing.

Goodell-Pratt Company

Goodell-Pratt Hack Saws

Price Lists



REGULAR. 14 teeth to the inch.

For Iron or Steel.

	Per Dozen	Per Gross
8 inch (EAGLE)	\$0.65	\$7.80
9 inch (EASEL)	.70	8.40
10 inch (ENHANCE)	.85	10.20
11 inch (ENHEAL)	.95	11.40
12 inch (EPOCH)	1.05	12.60
13 inch (EPSOL)	1.15	13.80
14 inch (EARNER)	1.25	15.00



FINE. 20 teeth to the inch.

For Brass or Tubing.

	Per Dozen	Per Gross
8 inch (ELF)	\$0.65	\$7.80
9 inch (ELTER)	.70	8.40
10 inch (ENTAIL)	.85	10.20
11 inch (ENSIGN)	.95	11.40
12 inch (ETHER)	1.05	12.60




EXTRA FINE. 32 teeth to the inch.

For thin Steel Tubing.

	Per Dozen	Per Gross
8 inch (ECKMUS)	\$0.65	\$7.80
9 inch (ELFIN)	.70	8.40

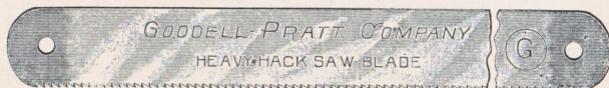
All Blades packed half gross in a box.

 Regular Blades, 14 teeth to the inch, always sent unless otherwise specified.

Goodell-Pratt Company

Heavy Hack-Saw Blades

No. 300



These Blades are intended for heavy work or for use in power machines. They are $\frac{3}{4}$ inch wide, No. 21 gauge, about .035 inch thick; they are made 14 teeth to the inch, have an even set, and are tempered all over.

	Per Gross
12 inch	(GATE) \$15.00
13 $\frac{1}{2}$ inch	(GALD) 18.00
14 inch	(GARD) 18.00
16 inch	(GALLON) 24.00
16 $\frac{1}{2}$ inch	(GAMBLE) 24.00
17 inch	(GABLE) 26.00

PAGE

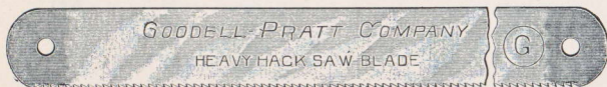
Packed one half gross in a box.

Length measurements are from center to center of hole.

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Extra Heavy Hack-Saw Blades

No. 500



These Blades are $\frac{3}{4}$ inch wide, No. 18 gauge, about .050 inch thick. They have 12 teeth to the inch, otherwise the Blades are identical with those shown above.

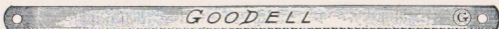
	Per Gross
12 inch	(HUND) \$21.00
13 $\frac{1}{2}$ inch	(HUNTER) 24.00
14 inch	(HIRST) 24.00
16 inch	(HAFT) 33.00
16 $\frac{1}{2}$ inch	(HEFT) 33.00
17 inch	(HAIL) 36.00

Length measurements are from center to center of hole.

Packed one half gross in a box.

Goodell-Pratt Company

Goodell-Pratt Special Tool Room Hack Saws



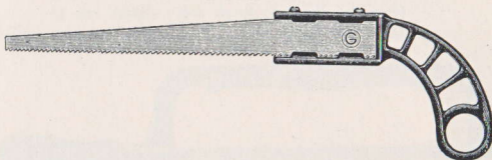
Experience has taught us that it is often a matter of great convenience, especially in tool-room work, to have Hack-Saw Blades of various thicknesses and with comparatively little set for special slotting and a variety of accurate work which otherwise could not be done with a Hack Saw. The Blades which we have listed below will be found well adapted for these uses. The teeth are cut and swaged by a special process, different from the one we use in making the ordinary set Blades. They are made in 8-inch lengths only, and can be furnished separately in any of the dimensions listed, or in sets, as desired.

Length		Per Dozen	Per Gross
8 inch, .016 thick	(FAWN)	\$0.75	\$9.00
8 inch, .020 thick	(FRAIL)	.75	9.00
8 inch, .028 thick	(FRAM)	.75	9.00
8 inch, .032 thick	(FANCY)	.75	9.00
8 inch, .040 thick	(FAINT)	.75	9.00
8 inch, .050 thick	(FACTOR)	.75	9.00

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Keyhole Hack-Saw

No. 237



The usefulness of this Tool will be at once appreciated from an examination of the cut. The Handle is light and fits the hand well. The Tool is 10 inches long over all and the Blade is arranged to give a cutting length of 5½ inches. Handle attractively finished in japan.

Price, per dozen.....(FARROW) \$3.00

Packed one half dozen in a box,

Goodell-Pratt Company

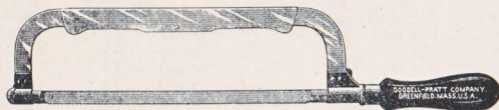
Adjustable Hack-Saw Frames

One 8-inch Blade Furnished with Each Frame



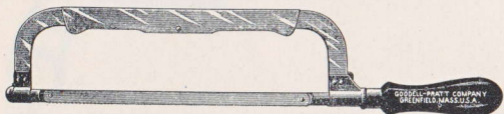
Per Dozen

- No. 1. Full Polished and Nickel Plated; adjustable from 8 inches to 12 inches; all steel except the Handle; one of the handsomest Frames made
..... (CRANE) \$12.00



Per Dozen

- No. 2. White Nickered only; adjustable from 8 inches to 12 inches; all steel except the Handle, differing from the above in finish only; Blades can be faced four ways (CAPER) \$10.00



Per Dozen

- No. 02. Finished in Natural Steel, not polished or nick-
eled; adjustable from 8 inches to 12 inches;
constructed in a thoroughly first-class manner;
a very serviceable Frame at a moderate price
..... (CAPON) \$8.50

Solid Hack-Saw Frames



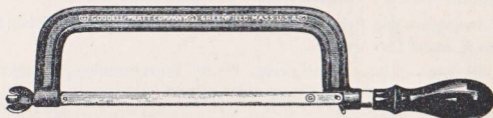
- No. 3. Full Polished and Nickel Plated; solid steel; for 8-inch
Blades only; one of the handsomest solid Frames
ever shown; Blades can be faced four ways ... (CARSEL) Per Dozen \$8.50
- One 8-inch Blade furnished with this Frame.



Solid Steel Frames, Natural Finish, Enameled Handle; Blade can be faced four ways. Furnished in sizes as listed below.

		Per Dozen
No. 8.	8-inch	(CASTE) \$5.00
No. 9.	9-inch	(CANCER) 5.50
No. 10.	10-inch	(CANDOR) 6.00
No. 11.	11-inch	(CRADLE) 6.50
No. 12.	12-inch	(CANDLE) 7.00

Packed one in a box.

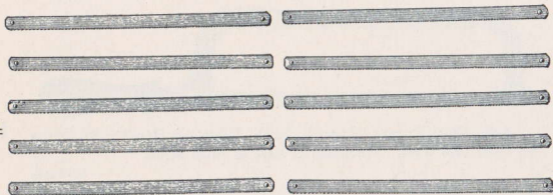


Cast Iron Frames, Japanned Finish, Polished Hard Wood Handles; Blades can be faced four ways. Furnished in sizes as listed below.

		Per Dozen
No. 4.	8-inch	(CALDEN) \$3.50
No. 5.	9-inch	(CENDAL) 3.50
No. 6.	10-inch	(CONDAL) 4.00

Packed one in a box.

Hack-Saw Sets



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It being often a matter of convenience for the trade to have in stock Hack-Saw Frames, and Blades in sets of one Frame and one dozen Blades, we offer these, confident that they will prove popular because of their serviceable quality and moderate price.

FRAMES.—The Frames are Solid Steel, Natural Finish; Blades can be faced four ways.

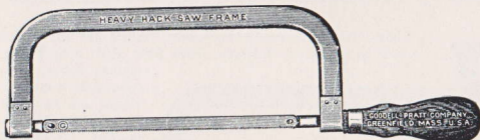
BLADES.—Twelve regular-teeth Blades, corresponding in length to the size of the Frame, put up with each set.

			Per Set
No. 812.	8-inch Frame and 12 Blades.....	(BARGE)	\$1.05
No. 912.	9-inch Frame and 12 Blades	(BEACH)	1.15
No. 1012.	10-inch Frame and 12 Blades.....	(BIRCH)	1.35.
No. 1112.	11-inch Frame and 12 Blades.....	(BRAMBLE)	1.50
No. 1212.	12-inch Frame and 12 Blades.....	(BRIER)	1.65

Packed one set in a box.

Goodell-Pratt Company

Heavy Hack-Saw Frames



This very complete line of Heavy Solid Hack-Saw Frames will be found particularly desirable by mechanics who have frequent use for tools of this character. They are absolutely rigid; Blades can be faced in four different directions.
One Blade furnished with each Frame.

		Per Dozen
No. 64.	For 8-inch Blades only, steel Frame, $\frac{1}{2}$ by $\frac{3}{4}$ inch, $3\frac{1}{2}$ -inch throat. Polished and Nickel Plated	(BROOD) \$9.00
No. 64B.	Same as No. 64, but with Black Finish	(BLARE) 7.00
No. 65.	For 10-inch Blades only, steel Frame, $\frac{1}{2}$ by $\frac{3}{4}$ inch, $3\frac{1}{2}$ -inch throat. Polished and Nickel Plated	(BROTE) 10.00
No. 65B.	Same as No. 65, but with Black Finish	(BLAST) 8.00
No. 66.	For 12-inch Blades only, steel Frame, $\frac{1}{2}$ by 1 inch, $3\frac{1}{2}$ -inch throat. Polished and Nickel Plated	(BROST) 12.00
No. 66B.	Same as No. 66, but with Black Finish	(BLANCH) 10.00

Heavy Hack-Saw Frames

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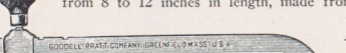


These Frames are the same as those described above, but have greater depth of throat, as shown in cut and noted in description.

		Price per Dozen
No. 14.	For 12-inch Blades only, steel Frame, $\frac{1}{2}$ by 1 inch, $5\frac{1}{2}$ -inch throat. Polished and Nickel Plated	(BRACER) \$15.00
No. 14B.	Same as No. 14, but with Black Finish	(BASIN) 12.00
No. 67.	For 13-inch Blades only, steel Frame, $\frac{1}{2}$ by 1 inch, $5\frac{1}{2}$ -inch throat. Polished and Nickel Plated	(BANTER) 16.00
No. 67B.	Same as No. 67, but with Black Finish	(BASSOON) 13.00
No. 68.	For 14-inch Blades only, steel Frame, $\frac{1}{2}$ by 1 inch, $5\frac{1}{2}$ -inch throat. Polished and Nickel Plated	(BONDS) 18.00
No. 68B.	Same as No. 68, but with Black Finish	(BASHAW) 15.00

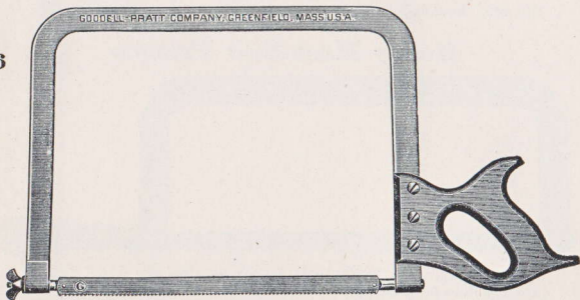
All the above packed one in a box.

Heavy Adjustable Hack-Saw Frames



These Heavy Adjustable Hack-Saw Frames are for
from 8 to 12 inches in length, made from stock $\frac{1}{4}$ by $\frac{1}{2}$ making heavy,
Adjustable Frames. The
Blades can be used in
in four different di-
rections. Depth of cut
throat, $3\frac{1}{2}$ inches.

Heavy Hack-Saw Frames



They are $10\frac{1}{4}$ inches from Blade to back.

No. 15.	Polished and Nickel Plated	(BEACHER)	Per Dozen \$18.00
No. 15B.	Black Finish	(BRUISER)	15.00

Packed one in a box, 23½ x 12 x 1½ inches.
Weight, 3½ pounds.

Goodell-Pratt Company

Heavy Hack-Saw Frames



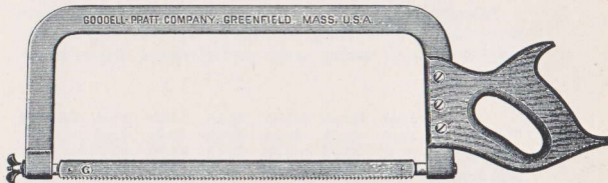
These Frames are made entirely of steel $\frac{1}{4}$ by 1 inch, with Black Finish. They are equipped with two handles, as shown in the cut, and are intended for cutting rails, girders, and other large work. They are 10 $\frac{1}{4}$ inches from Blade to back.

		Per Dozen
No. 238B. For 14-inch Blades only.....	BUFFER)	\$20.00
No. 239B. For 17-inch Blades only	(BUGLE)	24.00

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Heavy Hack-Saw Frames



These Frames are made entirely of steel $\frac{1}{4}$ by 1 inch, and are similar to our other heavy styles shown on page 145, but are equipped with Saw Handles, which will be greatly appreciated by the user. Depth of throat, 5 $\frac{1}{4}$ inches.

		Per Dozen
No. 240. For 14-inch Blades, Bright Finish	(BRUSH)	\$20.00
No. 240B. For 14-inch Blades, Black Finish	(BRUNT)	17.00

Circular Saws

No. 70

For Metal, Bone or Ivory



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These Circular Saws, while very moderate in price, will be found to possess exceptional quality; they are made in a variety of sizes, which you will find noted below. The teeth are carefully cut, and they are tempered in oil; the steel used is the very finest quality of hot-rolled sheets. They are not ground after being hardened, this operation entailing an unnecessary expense.

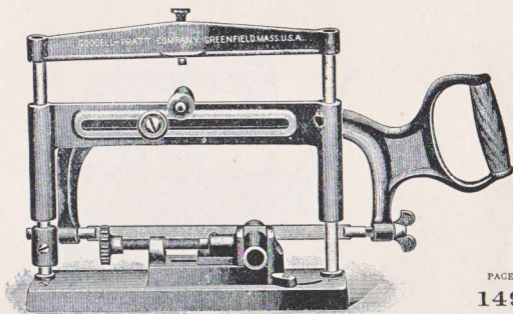
These Saws will be found very desirable for cutting copper, brass, German silver, ivory, bone or like materials; they are well adapted for screw slotting or for cutting shallow slots in iron or steel.

	1 inch	1 1/4 inch	1 1/2 inch	2 inch	2 1/2 inch	3 inch	Diameter
Thickness	3/8 inch	3/8 inch	3/8 inch	3/8 inch	3/8 inch	1/2 inch	Hole
.016 inch	\$1.50	\$1.75	\$2.00	\$2.75	\$3.50	\$5.00	per Doz.
.021 inch	1.50	1.75	2.00	2.75	3.50	5.00	per Doz.
.028 inch	1.50	1.75	2.00	2.75	3.50	5.00	per Doz.
.032 inch	1.50	1.75	2.00	2.75	3.50	5.00	per Doz.
.040 inch	1.50	1.75	2.00	2.75	3.50	5.00	per Doz.
.050 inch	1.50	1.75	2.00	2.75	3.50	5.00	per Doz.

Packed one dozen in a box.

Bench Hack Saw

No. 1



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149

A Bench Hack Saw is a device for which there has long been a place in repair shops, stores, and small factories. It can be readily fastened to any bench, and will pay for itself in a week's time where iron, steel, or brass rod or tubing have to be cut off.

It is fitted with a swivel vise, which can be set to saw at an angle. This point alone is a valuable addition to the usefulness of the machine, as the ability to saw on a mitre will often save the operator much time which would otherwise be spent in filing. The machine is made entirely of iron and steel, is carefully constructed, and thoroughly practical in its working. The cut cannot fail to convey an excellent idea of its general features.

One Goodell-Pratt 9-inch Blade is furnished with each machine, which should be strained well in the frame when in use. It is so constructed that 8-inch Blades can be used when desired.

Vise opens 2 inches.

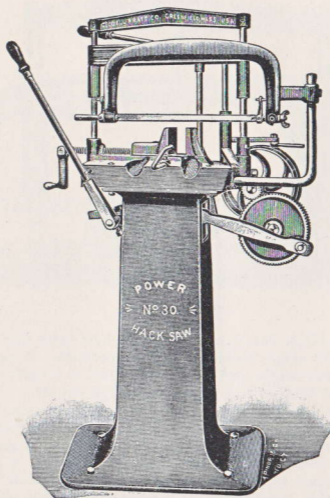
Price, each.....(RAMPART) \$3.50

Shipping weight, each, 15 pounds.

Measurements, $18\frac{1}{2} \times 11\frac{1}{4} \times 5$ inches

Power Hack Saw

No. 30



PAGE
150

Tight and Loose Pulley, 7 inches in diameter. Geared 3 to 1.
Machine should run 45 to 50 strokes per minute to get best results.

Pulley should run 150 revolutions per minute.

Power Hack Saw

No. 30

Power Hack Saws have become so well known to all classes of metal workers that we do not feel called upon to make allusion to their general usefulness. No up-to-date shop can afford to be without one; often where one is in use, two would be found equally profitable.

The illustration upon the opposite page conveys a good idea of the general characteristics of the machine. We have quite recently improved it by reducing the size of the pulley and gearing the machine down to the proper speed; by using cut gears all noise is done away with, there is no danger of slipping, and a much larger pulley can be used upon the main shaft.

The Raising and Stop Levers are both convenient to the hand of the operator when he stands in front of the machine. The machine is also provided with an Adjustable Automatic Stop, which can be set to stop the Saw at any desired depth, or after the work has been cut completely off, and is instantaneous in its action, being connected with a clutch upon the main driving pulley which locks or disengages it with the crank shaft of the machine.

The Saw Frame runs in a guide at its back, which, in turn, slides up and down upon two perpendicular guide rods, and the traveling motion is conveyed to it by a horizontal guide which runs parallel to the blade of the Saw. Particular attention is called to the fact that the saw blade always runs parallel to the bottom of the Vise. This feature will prove very valuable when the operator desires to saw a slot of any desired depth.

The Vise will take in work $4\frac{1}{2} \times 4\frac{1}{2}$ inches, and is operated by a handled screw, as shown in the cut. The bed of the Vise extends beyond the jaws, another feature which will at once commend itself.

The machine is thoroughly well made and practical in all its workings.

Price, each.....(ALPHA) \$30.00

Net weight, 150 pounds. Weight, boxed for export, 210 pounds.
Measurements, 45 x 25 x 19 inches.

Butchers' 50-Foot Saw Coils



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The manner in which these Blades are put up, as shown in the illustration above, cannot fail to commend itself to every dealer in these tools. Instead of being obliged to carry a dozen different lengths in stock, he can carry these coils, and cut off any length desired, always sure of being able to furnish just the right length.

While experience from actual use will better demonstrate their working value, we wish to have it distinctly understood that they are warranted to give satisfaction. They are made from the finest quality of spring steel, tempered, ground, and polished. They are filed, set, and re-filed after setting, and consequently ready for immediate use.

They are made with teeth as specified below, correctly shaped to insure their free cutting. They can be re-filed, but it is hardly profitable, considering the first cost.

No. 310.	50 feet, $\frac{1}{2}$ inch wide, 14 teeth ...	(VENOM)	\$4.50
No. 311. (old No. A)	50 feet, $\frac{5}{8}$ inch wide, 11 teeth ...	(VERGIS)	4.50
No. 312. (old No. A1)	50 feet, $\frac{3}{4}$ inch wide, 11 teeth ..	(VENNER)	5.00
No. 313. (old No. A2)	50 feet, 1 inch wide, 11 teeth ...	(VELLER)	6.50
No. 314. (old No. B)	50 feet, $1\frac{1}{4}$ inch wide, 11 teeth ..	(VELLUM)	7.50

Note.—For a Saw Punch suitable to punch these or any other similar Saw Blades, see page 191.

Butchers' 25-Foot Saw Coils



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153

The increasing popularity of having butchers' saws put up in coils has extended to the user, and butchers are now ordering them in this way. This necessitates the furnishing of shorter lengths, as 50 feet is more than some users wish to purchase; we are therefore offering at this time a complete line of 25-foot coils, as listed below.

These coils are of the same high quality as those shown and described on the preceding page, differing in length only.

They are made from the very finest quality of spring steel, tempered, ground, and polished. They are filed, set, and re-filed after setting, leaving them sharp and ready for use.

No. 250.	25 feet, $\frac{1}{2}$ inch wide, 14 teeth to the inch.....	(VALID)	\$2.25
No. 251.	25 feet, $\frac{5}{8}$ inch wide, 11 teeth to the inch.....	(VALENCE)	2.25
No. 252.	25 feet, $\frac{3}{4}$ inch wide, 11 teeth to the inch.....	(VALIANT)	2.50
No. 253.	25 feet, 1 inch wide, 11 teeth to the inch.....	(VALISE)	3.25
No. 254.	25 feet, $1\frac{1}{4}$ inch wide, 11 teeth to the inch.....	(VALET)	3.75

Butchers' Saw Blades

GOODSELL
BUTCHER'S SAWS

These Blades are of the same character and quality as those furnished in coils and described on the preceding page. They are made in four widths, $\frac{5}{8}$ inch, $\frac{3}{4}$ inch, 1 inch, and $1\frac{1}{4}$ inches, as listed below. They are made from the finest quality of spring steel, tempered and ground. The teeth are filed, set, and re-filed after setting. They are made with 11 teeth to the inch, correctly shaped to insure their good working. They can be re-filed, but, considering the price at which we sell a new one, it will hardly be profitable.

Length	Per Dozen $\frac{5}{8}$ inch wide	Per Dozen $\frac{3}{4}$ inch wide	Per Dozen 1 inch wide	Per Dozen $1\frac{1}{4}$ inches wide
12 inches (DUCK)	\$1.25	(DIRI) \$1.40	(IRICK) \$1.65	(IRIS) \$1.85
14 inches (DRAKE)	1.45	(DRIBE) 1.60	(IBAK) 1.90	(IBEX) 2.15
16 inches (DOE)	1.65	(DONG) 1.80	(INGO) 2.20	(INGLE) 2.45
18 inches (DOCKET)	1.85	(DOKIN) 2.05	(INKET) 2.45	(INDIAN) 2.75
20 inches (DRAIN)	2.00	(DRYCE) 2.20	(ICYIN) 2.75	(ICYCLE) 3.00
22 inches (DAMPER)	2.20	(DAMUN) 2.45	(IMMER) 3.00	(IMMUNE) 3.30
24 inches (DAGGER)	2.40	(DAGIN) 2.65	(INTGE) 3.30	(INTACT) 3.60
26 inches (DEAT)	2.60	(DEVEN) 2.90	(INVAT) 3.60	(INVENT) 3.90
28 inches (DRUM)	2.80	(DRIMO) 3.10	(IMPUM) 3.80	(IMPOSE) 4.20

Packed six dozen in a box.

NOTE.—These Blades are polished, but not punched. For a Saw Punch to punch these or any other similar Saw Blades, see page 191.

Goodell-Pratt Company

Butchers' Saw Blades

No. 71

Black Finish



These Butchers' Saws are made from a good quality of steel, the teeth are filed, set, and re-filed after setting, the Blades are tempered, but *not* polished, the holes are punched, and we are offering them to meet the demands which have been made upon us for a Blade of this character. These Blades will neither buckle nor break, and they can be re-filed if the user desires to do it; however, at the price charged for a new Blade, it is cheaper to throw it away when it is worn out.

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LIST

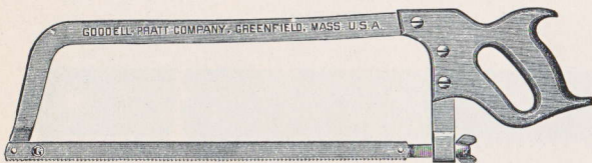
		Per Dozen
14 inch	(HARD)	\$1.40
16 inch	(HERD)	1.40
18 inch	(HIRD)	1.50
20 inch	(HORD)	1.50
22 inch	(HURD)	1.70
24 inch	(HASTE)	1.70
26 inch	(HELMET)	1.80

Packed six dozen in a box.

Goodell-Pratt Company

Butchers' Saw Frames

No. 75



These Frames are exceptionally well made and nicely finished. Not only are they attractive in appearance, but they will be popular with the user because of their balance; to use a common expression, they hang well. The main part of the Frame is made of polished steel, the handle is well shaped and well finished.

Each Frame is equipped with one of our very best polished and tempered Butchers' Saw Blades.

LIST

		Per Dozen
14 inch	(JAMB)	\$11.00
16 inch	(JAME)	12.00
18 inch	(JARL)	13.00
20 inch	(JARD)	14.00
22 inch	(JASTE)	15.00
24 inch	(JAMS)	16.00
26 inch	(JONT)	17.00

Packed one third dozen in a box.

Goodell-Pratt Company

Dehorning Saw

No. 78



This Saw has a steel frame, white-nickel finish, a malleable iron handle, japanned, and is furnished complete with a 10-inch Blade.

Price, per dozen (PACER) \$5.00

Packed one in a box, $14\frac{3}{4} \times 6\frac{1}{2} \times 1\frac{1}{4}$ inches.

Weight, $1\frac{3}{8}$ pounds.

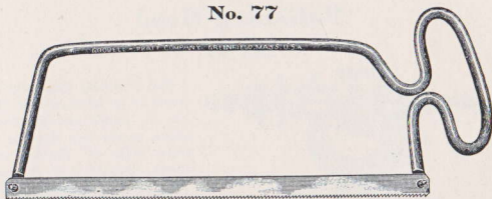
Dehorning Saw Blades

Special 10-inch Blades, suitable for above frames, per dozen..... (PICER) \$0.85

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Kitchen Saw

No. 77



The Frame of this Saw is made of $\frac{1}{8}$ -inch steel wire, nickel plated; the Blade is 12 inches long by $\frac{5}{8}$ inch wide, and is made from the finest saw steel obtainable; it is tempered, ground, and polished; the teeth are cut, filed, set, and re-filed after setting.

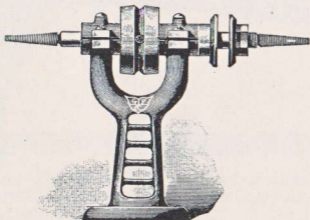
Price, per dozen (ULSTER). \$3.00

Packed one dozen in a box, $15\frac{1}{2} \times 6\frac{1}{2} \times 4\frac{1}{2}$ inches.

Weight, $8\frac{1}{2}$ pounds.

Polishing Head

No. 21



In the construction of this little machine, as in those of similar style described on the following pages, it has been our endeavor to carry out as far as possible the ideas of various users of this class of tools, and the machines have been constructed with the view of being sold at a moderate price, and at the same time embodying good value.

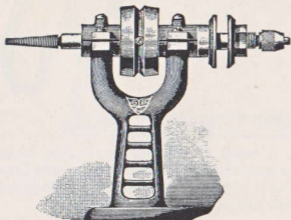
No. 21, shown above, has a Solid Iron Frame 6 inches in height, Steel Spindle $\frac{3}{4}$ inch in diameter and 8 inches long. The Boxes are adjustable; Screws and Caps are of brass, and it is finished in japan. The Taper Screws on each end are carefully threaded. The distance between the flanges admits of placing therein a wheel $\frac{3}{4}$ inch in thickness. The pulley is grooved for a $\frac{1}{2}$ -inch round belt, and is $1\frac{1}{2}$ inches in diameter, $\frac{3}{4}$ -inch face.

Price, each (MARSH) \$1.50

Weight, $2\frac{1}{2}$ pounds.

Polishing Head

No. 23



This Polishing Head will be found to be identical with the No. 21, shown and described above, except that this one is fitted with a Three-Jawed Chuck, capacity 0 to $\frac{1}{2}$ inch. This desirable feature will commend itself to all users of these tools, as their ability to do drilling adds materially to their usefulness.

Price, each (MURL) \$2.50

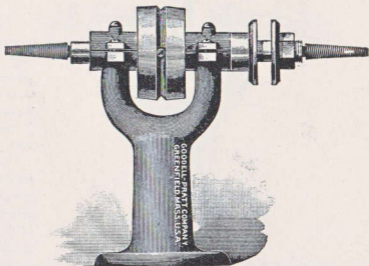
Weight, $2\frac{1}{2}$ pounds.

Polishing Head

No. 22

This Polishing Head, while constructed similar to the ones shown on the preceding page, is more solid, consequently heavier, and will undoubtedly give better satisfaction for continued use.

It is slightly more than 6 inches in height, and is fitted with a $\frac{1}{2}$ -inch Spindle, 10 inches in length. The Boxes are adjustable; Screws and Caps are of brass. The distance between the flanges admits of taking in a wheel $\frac{3}{4}$ inch thick. The Taper Threads upon each end are carefully cut. The diameter of the Pulley is $2\frac{1}{4}$ inches, $\frac{3}{4}$ -inch face, and it is grooved to take a $\frac{1}{4}$ -inch round belt.



Price, each (MARL) \$2.50
Weight, 4 pounds.

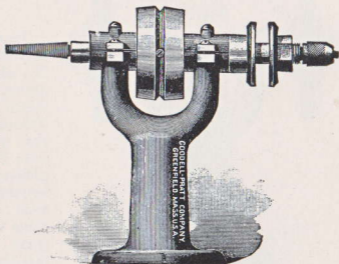
PAGE

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Polishing Head

No. 24

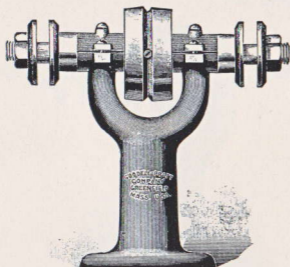
This Polishing Head is identical with the No. 22, shown and described above, except that it is fitted with a Three-Jawed Chuck, capacity 0 to $\frac{1}{4}$ inch. This desirable feature will commend itself to all users of these tools, as their ability to do drilling adds materially to their usefulness. This Chuck, holding up to $\frac{1}{4}$ inch, will at once be appreciated.



Price, each (MOLE) \$4.00
Weight, 4 pounds.

Grinding Head

No. 25



This Grinding Head is quite similar to the Polishing Heads described on the preceding pages; it has two sets of flanges for wheels, however, and the Taper Threaded Spindle is omitted.

The machine is a little more than 6 inches in height, and has a $\frac{1}{2}$ -inch Spindle; will take wheels $\frac{7}{8}$ inch thick. Boxes are adjustable, Screws and Caps

are of brass; the Pulley is grooved for a $\frac{1}{4}$ -inch round belt; flat belt $\frac{7}{8}$ inch wide can be used, however, if desired.

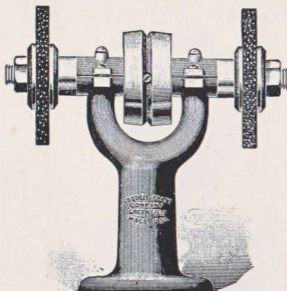
Price, each (MUDER) \$3.50

Each machine packed in a box, $8\frac{1}{2} \times 7\frac{1}{2} \times 3\frac{3}{4}$ inches.

Weight, $4\frac{3}{4}$ pounds.

Grinding Head

No. 25 $\frac{1}{2}$



This machine is in every way identical with the No. 25, shown and described above, with the exception that it has two solid Emery Wheels, 4 inches in diameter, $\frac{1}{2}$ -inch face, furnished with it; these wheels are of different grades, and are suitable for general work, such as would naturally come within the scope of a small Bench Grinder of this character.

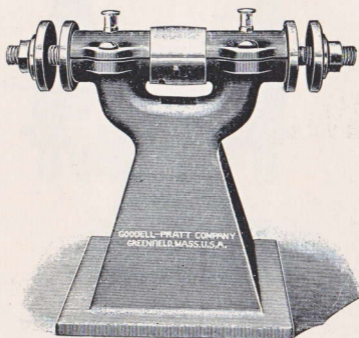
Price, each (MULCER) \$5.00

Each packed in a box, $8\frac{1}{2} \times 7\frac{1}{2} \times 3\frac{3}{4}$ inches.

Weight, complete, 6 pounds.

Grinding Head

No. 26



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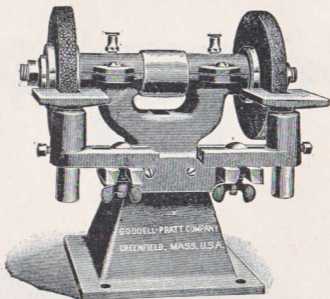
This machine is somewhat heavier than any of the preceding styles; a good idea of its general outline is conveyed by the cut. It is 7 inches high, and is equipped with a Spindle 9 inches long; the diameter of the Spindle in the bearing is $\frac{3}{4}$ inch, between flanges where wheel runs, $\frac{1}{2}$ inch; it will take wheels $\frac{3}{4}$ of an inch thick and 8 inches in diameter. We would, however, recommend wheels 6 inches by $\frac{1}{2}$ inch for use in connection with it. It is equipped with patent Oil Cups, the nuts are finished and case hardened, and the whole machine is in every way thoroughly practical for use up to its capacity. We desire to call particular attention to the shape of the base, which insures great rigidity. Width of pulley, $1\frac{3}{8}$ inch.

Price, each(MOOSE) \$6.00

Each machine packed in a box, $12\frac{3}{4} \times 9 \times 7\frac{1}{2}$ inches.
Weight, 13 pounds.

Grinding Head

No. 26 $\frac{1}{2}$



No Emery Wheels Furnished with this Machine

This machine is in every way identical with the No. 26, shown and described on page 161, except that it is supplied with the additional equipment of adjustable and detachable work-rests, as shown in the cut. To show the exact position of these very plainly, we have shown the machine as it would appear with wheels in place, but we desire to call particular attention to the fact that the list price, as noted, does not include Emery Wheels.

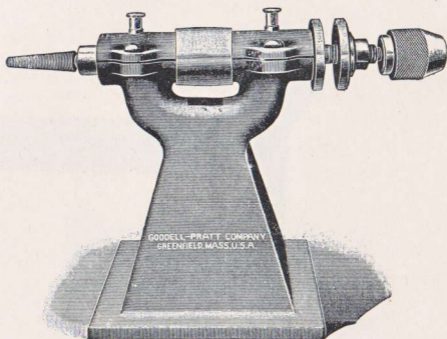
Price, each (MOUSE) \$8.00

Each machine packed in a box, 12 $\frac{3}{4}$ x 9 x 7 $\frac{1}{4}$ inches.

Weight, 15 pounds.

Polishing Head

No. 27



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This machine is of the same general construction as the No. 26, shown and described on page 161, as shown in the cut, however, it is equipped with a regular Polishing Head Spindle, having a Taper Thread on one end and flanges on the other, in addition to which it has a Three-Jawed Chuck, capacity 0 to $\frac{1}{4}$ inch.

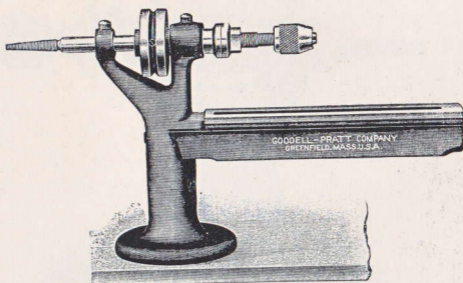
Price, each (MANGER) \$8.00

Packed one in a box, $12\frac{3}{4} \times 9 \times 7\frac{1}{4}$ inches.

Weight, 13 pounds.

Polishing Head

No. 28



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164

This style of base will at once be appreciated, as it enables the operator to greatly increase the usefulness of his machine by adjusting any jigs or attachments he may desire for doing his own particular class of work.

This machine is fitted with a $\frac{1}{2}$ -inch Spindle, and will take a wheel $\frac{7}{8}$ inch by 4 inches. The Pulley is $2\frac{1}{4}$ inches; Chuck, Three-Jawed, capacity 0 to $\frac{1}{4}$ inch; base is japanned.

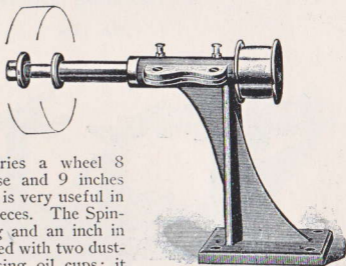
Price, each.....(MANSE) \$4.50

Packed one in a box, 13 x 8 x $4\frac{1}{4}$ inches.

Weight, $8\frac{1}{2}$ pounds.

Polishing Head

No. 31



This machine carries a wheel 8 inches from the base and 9 inches above the bench, and is very useful in buffing odd-shaped pieces. The Spindle is 14 inches long and an inch in diameter; it is provided with two dust-proof automatic closing oil cups; it will take wheels $1\frac{1}{8}$ inches thick with $\frac{1}{2}$ -inch hole. Pulley, $2\frac{1}{2} \times 1\frac{1}{8}$ inches.

Price, each.....(OFFSET) \$5.00

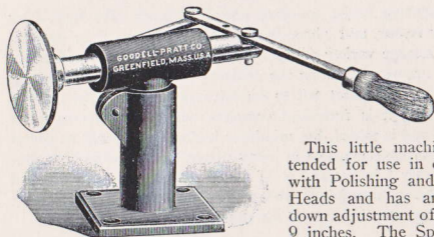
Packed one in a box, $15\frac{1}{2} \times 11 \times 7\frac{1}{2}$ inches.

Weight, 21 pounds.

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165

Polishing Head Tail Stock

No. 42



This little machine is intended for use in connection with Polishing and Grinding Heads and has an up and down adjustment of from 6 to 9 inches. The Spindle is $\frac{7}{8}$ inch in diameter and 8 inches long. The Lever Arm is adjustable to two different throws.

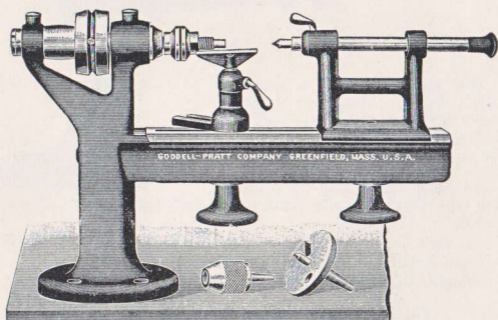
Price, each.....(PALM) \$4.00

Packed one in a box, $13\frac{1}{2} \times 6\frac{1}{2} \times 4\frac{1}{2}$ inches.

Weight, $8\frac{1}{2}$ pounds.

Polishing Lathe

No. 29



166

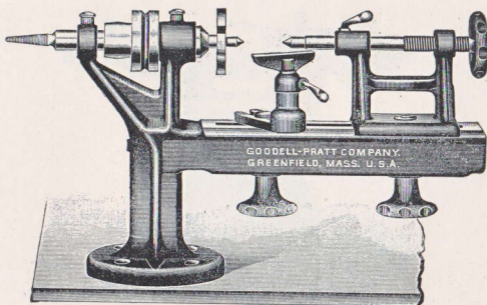
This Polishing Lathe, complete with Tail Stock, Tee Rest, Face Plate, Saw Arbor, and Three-Jawed Chuck, capacity 0 to $\frac{5}{8}$ inch, admits of a large variety of polishing, grinding, and other kindred operations not possible upon the ordinary styles of plain Polishing Heads. The cut cannot fail to convey a good idea of its general characteristics; it is furnished complete with the attachments, as shown, the bed is milled, the spindle is hollow, and it will be found a very useful little machine in many places. The bed is 12 inches long; it swings 5 inches and is $3\frac{1}{2}$ inches extreme distance between centers. Pulley steps $\frac{3}{4}$ inch wide and $1\frac{3}{8}$ inch and 1 inch in diameter; the large step is grooved for round belt.

Price, each(POLATH) \$7.50

Packed one in a box, $14\frac{1}{2} \times 9\frac{1}{2} \times 5\frac{1}{2}$ inches.
Weight, 18 pounds.

Polishing Lathe

No. 29 $\frac{1}{2}$



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167

This Polishing Lathe is provided with a Screw Tail Stock and a taper hole in both ends of the live spindle, and is provided with a special spindle for carrying Buff Wheels; in every other particular it is identical with the lathe shown and described on page 166.

Furnished complete with Tail Stock, Tee Rest, Face Plate, Saw Arbor, Taper Threaded Polishing Spindle, and Three-Jawed Chuck; capacity 0 to $\frac{5}{8}$ inch.

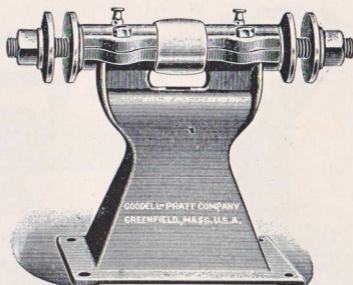
Price, each (POTENT) \$10.00

Each machine packed in a box, 12 $\frac{3}{4}$ x 9 x 7 $\frac{1}{4}$ inches.

Gross weight, 14 pounds. Net weight, 10 pounds.

Grinding Head

No. 38



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This machine is of the same style as the No. 26, shown on page 161, but is larger and heavier. It is 8 inches high, and the Spindle is $12\frac{1}{2}$ inches long. The diameter of the Spindle in the bearing is 1 inch; between flanges where the wheel runs it is $\frac{3}{4}$ inch; it will take wheels 8 inches in diameter and 1 inch thick. The Pulley is 2 inches in diameter and $1\frac{1}{2}$ -inch face.

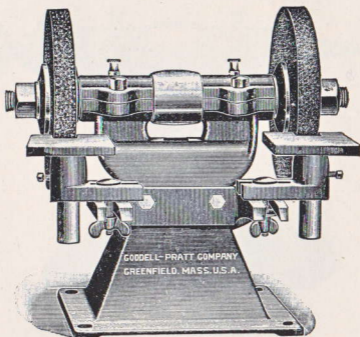
Price, each.....(MARGE) \$8.00

Each machine packed in a box, $17\frac{1}{4} \times 11\frac{1}{2} \times 9$ inches

Gross weight, 26 pounds. Net weight, 21 pounds.

Grinding Head

No. 40



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169

No Emery Wheels Furnished with this Machine

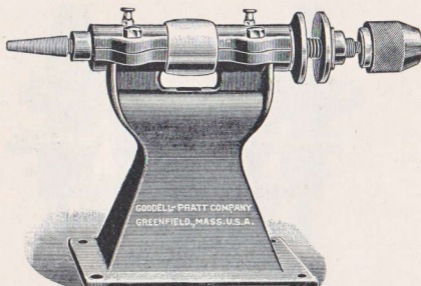
This machine is in every way identical with the No. 38, shown and described on the preceding page, except that it is supplied with the additional equipment of adjustable and detachable work-rests, as shown in the cut. To show the position of these very plainly, we have shown the machine as it would appear with wheels in place, but we desire to call particular attention to the fact that the list price, as noted, does not include Emery Wheels.

Price, each.....(MOTH) \$10.00

Each machine packed in a box, $17\frac{1}{4} \times 11\frac{1}{2} \times 9$ inches.
Gross weight, 29 pounds. Net weight, 24 pounds.

Polishing Head

No. 43



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This machine is of the same general construction as the No. 38 described on page 168; as shown in the cut, however, it is furnished with a regular Polishing Head Spindle, having a Taper Thread on one end and Flanges on the other, in addition to which it is furnished with a Three-Jawed Chuck; capacity 0 to $\frac{3}{8}$ inch.

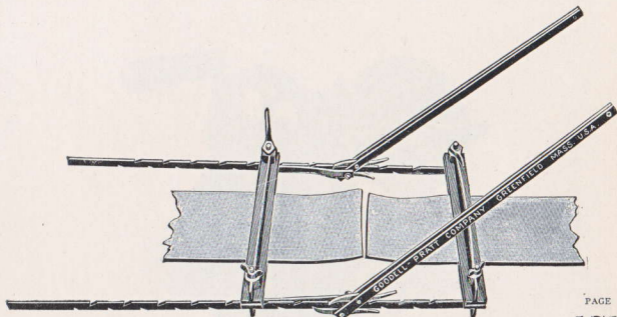
Price, each.....(MANE) \$10.00

Each machine packed in a box, $17\frac{1}{4} \times 11\frac{1}{2} \times 9$ inches.

Gross weight, 26 pounds. Net weight, 21 pounds.

Farley's Belt Tightener

No. 39



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171

A strong, powerful, quick-acting device for drawing belts together for the purpose of lacing them. Before getting up this contrivance, we had tried, and become disgusted with, every Belt Clamp we could find; we wanted one that would do its work quickly and well; they were all too slow and too weak, and it took too long to get them into position and take them off again.

The above contrivance eliminates all these objectionable features, and combines in itself all desirable ones; it can be put into place in an instant, two or three throws of the levers at most, and you are ready for the lacing.

We guarantee them to give perfect satisfaction, and the price brings them within the reach of every one.

Please take note of the fact that we make them in one size only, to take belt up to and including 10 inches in width.

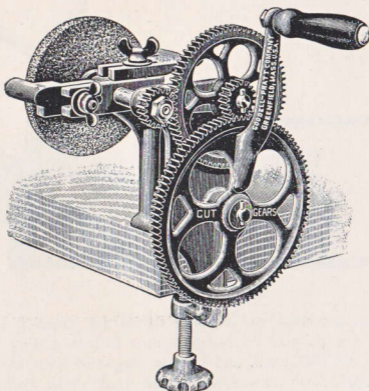
Price, each.....(BELTITE) \$7.50

Packed one in a box, $29\frac{1}{2} \times 5 \times 5$ inches.

Weight, 19 pounds.

Bench Grinder

No. 115



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172

This little machine is fitted with CUT GEARS, the Bearings are reamed, it is well made and well finished, 10 inches in height, 8 inches wide, 6 inches deep. It has a Clamp which can be used on a 2-inch bench or table, fitted with Rests for both right and left hand, and furnished complete with Emery Wheel 4 inches in diameter, 1-inch face. The Arbor upon which this wheel runs is $\frac{1}{2}$ inch in diameter.

Price, each.....(DEIGN) \$4.50

Packed one in a box.

Tool Grinder

No. 118

A strong, powerful grinding machine, double treadle, geared three to one, making possible a speed of 3,000 revolutions per minute. It occupies floor space $18\frac{1}{2}$ by 12 inches and is 44 inches high to top of emery wheel. It is furnished with a $1\frac{1}{4}$ -inch belt, has a double treadle and two sets of cut gears, will take emery wheels 10 inches in diameter. We however recommend 8-inch wheels as furnished with the machine. The floor plate is 12 inches square, the table is 10 by 9 inches. Fitted complete with one solid emery wheel 8 inches in diameter, $\frac{3}{4}$ -inch face. The head itself is a counterpart of our No. 26 $\frac{1}{2}$ Emery Grinder shown on page 162. One emery wheel furnished with machine.

Price, each (DELVE) \$25.00

Packed one in a box.

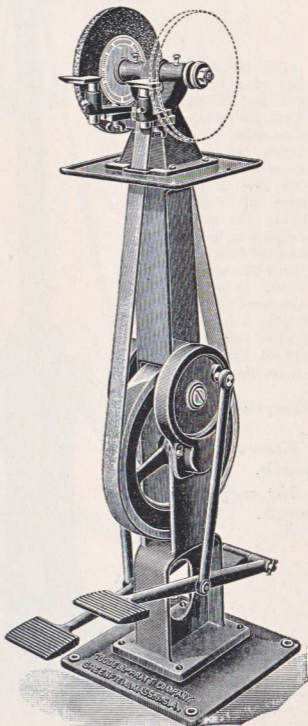
Net weight, 109 pounds.

Tool Grinder

No. 119

This machine is of the same general construction as the No. 118 shown above. It has, however, a special spindle, the same as used on our No. 27 Polishing Head, with a taper thread on one end, one set of flanges on the other, and a Three-Jawed Chuck, capacity 0 to $\frac{1}{4}$ inch. Furnished complete with one emery wheel 8 inches in diameter, $\frac{3}{4}$ -inch face.

Price, each (DELUGE) \$26.50



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Foot Power Polishing Machine

No. 123

This useful combination of a Foot Power and No. 23 Polishing Head will prove a great convenience to any one desiring to install mechanism of this character, and have it free and clear of their work bench. The machine is complete in itself; it is provided with a Three-Jawed Chuck, capacity 0 to $\frac{3}{8}$. It is provided with round belt, as shown in cut. It is finished in machine enamel, black and red. For dimensions, see opposite side of cut.

Price, each, \$12.50
(DASHER)

Gross weight, 95 pounds.

Net weight, 65 pounds.

Dimensions

Height, 45 inches.
Diameter of Wheel, 20 inches.

Motion, Plain Crank.

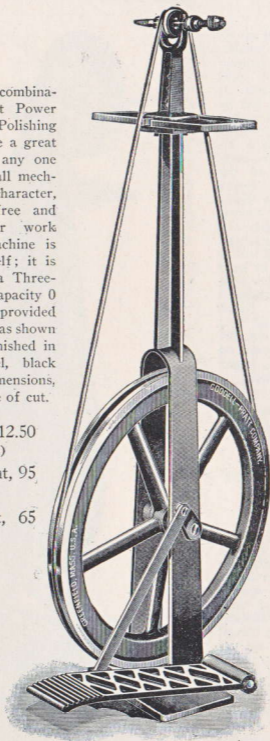
Diameter of Small Pulley, $1\frac{1}{8}$ ins.

Width of Small Pulley, $\frac{3}{4}$ inch.

Size of Iron Table, 10 x 5 inches.

Weight, 65 pounds.

Capacity of Chuck, 0 to $\frac{3}{8}$ inch.

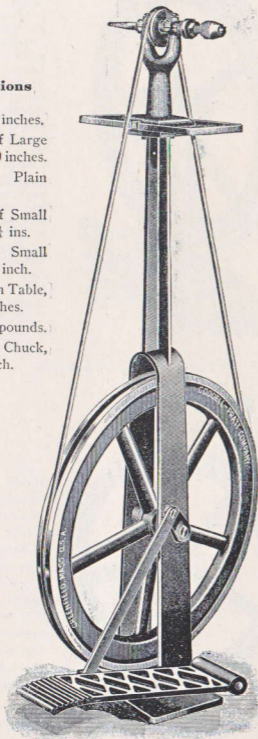


Foot Power Polishing Machine

No. 124

Dimensions

Height, 45 inches.
Diameter of Large
Wheel, 20 inches.
Motion, Plain
Crank.
Diameter of Small
Pulley, $2\frac{1}{2}$ ins.
Width of Small
Pulley, $\frac{3}{8}$ inch.
Size of Iron Table,
10 x 5 inches.
Weight, 67 pounds.
Capacity of Chuck,
0 to $\frac{1}{4}$ inch.



This combination is identical with the one described on the preceding page, except in the Polishing Head, with which it is equipped, this Head being our No. 24. It is provided with a Three-Jawed Chuck, capacity 0 to $\frac{1}{4}$ inch. Necessary amount of leather belt shown in cut is furnished. The machine is finished in black and red enamel. For dimensions, see opposite side of cut.

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Price, each, \$14.00
(DAISY)

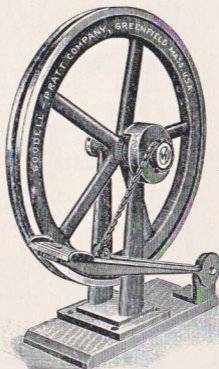
Gross weight, 100
pounds.

Net weight, 67
pounds.

Goodell-Pratt Company

Foot Power No. 35

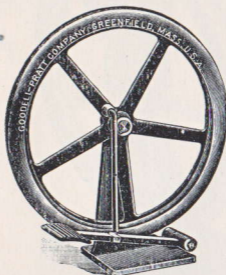
Diameter of Wheel,
20 inches.
Width of Face, $1\frac{3}{8}$
inches.
Width of Groove,
 $\frac{7}{16}$ inch.
For Round Belt, $\frac{1}{4}$
or $\frac{3}{8}$ inch.



This machine can never get on a "dead center," it is always ready to go ahead and the treadle always remains stationary when not being worked, while the wheel continues to revolve until its momentum has been expended. The machine as shown weighs 65 pounds, the face of the wheel is turned up and grooved, and while it cannot be considered the cheapest Foot Wheel on the market, we feel confident that it represents exceptional value in proportion to its cost.

Price, each.....(FOOTPO) \$8.00
Packed one in a box. Weight, boxed, 80 pounds.

Foot Power No. 116

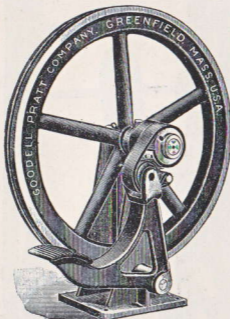


We have designed this little machine with the view of having a Foot Power of extremely moderate price. It has grooved face for round belt only. The wheel is $16\frac{1}{2}$ inches in diameter. The net weight of the machine is 25 pounds.

Price, each.....(FOOTHOLD) \$3.00
Packed one in a box.

Foot Power

No. 117



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The general characteristics and mechanical features employed in our Foot Power No. 35, particularly the fact that there is no dead center, have proven so popular that we find it advisable to present it in slightly varied form, a little more compact as regards floor space, with a solid iron base, a more powerful foot lever, and a leather belt pull, and at only a slight increase in cost over the original design. It is provided with 20-inch wheel with turned face, grooved, so that it can be used for either flat or round belt as may be desired. It is finished in machine enamel black and red.

Price, each.....(FOOTMAN) \$9.00

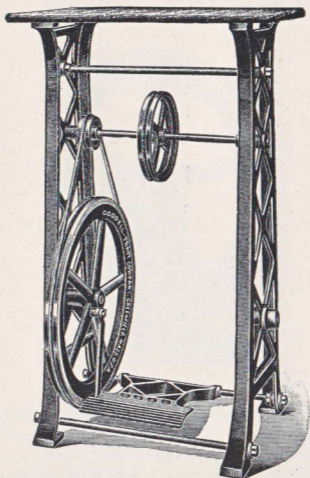
Packed one in a box.

Net weight, 66 pounds. Gross weight, 81 pounds.

Size, $22\frac{1}{4}$ x $19\frac{3}{8}$ x $8\frac{1}{2}$ inches.

Foot Power Table

No. 120



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This Power Table provides in itself a complete Foot Power equipment of Wheel, Treadle, Countershaft, and Bench, and is so arranged that almost any kind of a small machine can be attached to the Table and operated by power taken from the Countershaft below. No holes are cut in this Table, this being left to the purchaser; the operation is simple and will entail little trouble and assure his having these in just the desired spot.

The machine is 39 inches high; the Table part is 24 inches long and 14 inches wide; the Driving Wheel is 20 inches in diameter; the Receiving Wheel on the Countershaft is 3 inches and the Driving Wheel $8\frac{1}{2}$ inches in diameter. All Pulleys are grooved for round belt, but faces are turned and flat belts can be used if desired. All metal parts of the machine are attractively painted with machine enamel. The top of the Table is shellacked.

For convenience in shipping this machine is knocked down; its construction, however, is such that the assembling by the purchaser is a small matter.

Price, each.....(WABBLE) \$20.00

Packed knocked down, one in a wooden box.

Gross weight, 150 pounds. Net weight, 115 pounds.

Goodell-Pratt Company

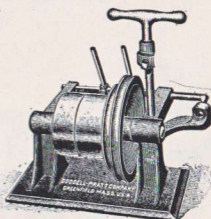
Countershaft

No. 47

	Diameter
Shaft	$\frac{1}{2}$ inch.
Loose Pulley	3 inch.
Tight Pulley	3 inch.
1st Step	$3\frac{1}{2}$ inch.
2d Step	$4\frac{1}{2}$ inch.

Base Plate, 4 inches by 8 inches.

Price, each (PANSY) \$2.50



Each Countershaft packed in a box, $10 \times 7\frac{1}{4} \times 7\frac{1}{2}$ inches.

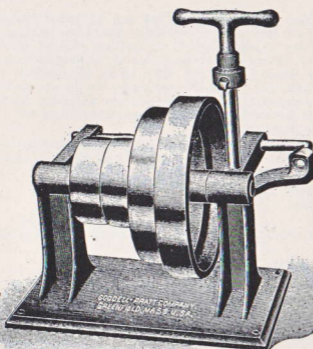
Weight, $11\frac{1}{2}$ pounds.

Countershaft

No. 48

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	Diameter
Shaft	$\frac{1}{2}$ inch.
Loose Pulley	3 inch.
Tight Pulley	3 inch.
1st Step	5 inch.
2d Step	6 inch.

Width Loose Pulley, 1 inch.

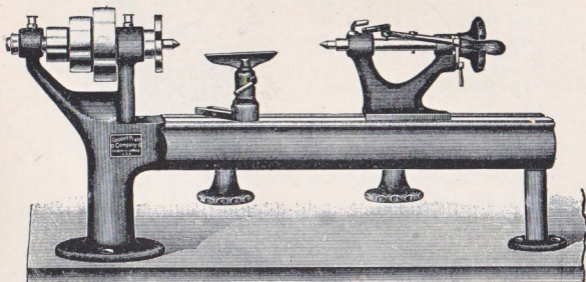
Base Plate, 5 inches by 9 inches.

Price, each \$4.00
(PANEL)

Each Countershaft packed in a wooden box, $11\frac{1}{2} \times 9\frac{1}{2} \times 9$ inches.
Weight, 18 pounds.

Amateur Bench Lathe

No. 125



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This 24-inch Bench Lathe, with a 7-inch swing and 12 inches between centers, will be welcomed by a host of our customers who have insisted on ordering such a machine from us years before we had any idea of making one. The cut cannot fail to convey an excellent idea of its general characteristics. It is an Amateur Bench Lathe, and while all its construction and fitting is done with great care and reasonable accuracy, we do not pretend that it is possible to make a precision tool for the price at which we propose to sell this one. But we do know that there are innumerable uses for just such a machine as we are bringing out.

It has a milled bed, hollow spindle, with $\frac{3}{8}$ -inch hole, and is provided with a No. 1 Morse Taper; it has both screw and lever feed in tail stock, and is furnished with the following equipment

- 1 Three-Jawed Chuck, capacity 0 to $\frac{1}{2}$ inch.
- 1 Slotted Face Plate.
- 1 Saw Arbor.

It is well finished with machine enamel, all steel parts polished bright. Dimensions as follows:

- Total Length, 25 inches.
- Distance between Centers, 12 inches.
- Swing, 7 inches.
- Diameter of Pulley Steps, $1\frac{1}{2}$, $2\frac{1}{2}$, $3\frac{1}{2}$ inches.
- Hole in Spindle, $\frac{3}{8}$ inch

No Countershaft furnished with this machine.

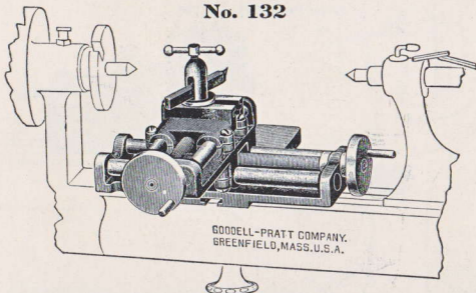
Price, each (PADDLE) \$20.00

Gross weight, 50 pounds. Net weight, 32 pounds.

Goodell-Pratt Company

Slide Rest

No. 132

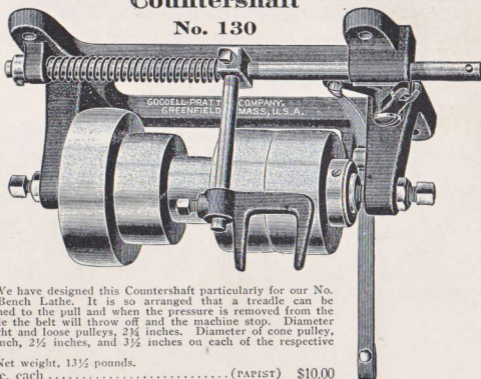


We have designed this Slide Rest for use with our No. 125 Bench Lathe, and it is specially fitted for that machine. We do not claim for it absolute accuracy; it would not be possible to furnish a precision tool at the price charged. We do pretend that it is a strong, well-made device, well suited to the Lathe above referred to. It has a longitudinal motion of $3\frac{3}{4}$ inches, a cross motion of $2\frac{1}{4}$ inches. It is made to hold lathe tools $\frac{1}{4}$ by $\frac{1}{4}$, and weighs, net, $6\frac{1}{2}$ pounds.

Price, each.....(PAWPAW) \$12.00

Countershaft

No. 130



We have designed this Countershaft particularly for our No. 125 Bench Lathe. It is so arranged that a treadle can be attached to the pull and when the pressure is removed from the treadle the belt will throw off and the machine stop. Diameter of tight and loose pulleys, $2\frac{3}{4}$ inches. Diameter of cone pulley, $1\frac{1}{2}$ inch, $2\frac{1}{2}$ inches, and $3\frac{1}{2}$ inches on each of the respective steps.

Net weight, $13\frac{1}{2}$ pounds.

Price, each.....(PAPIST) \$10.00

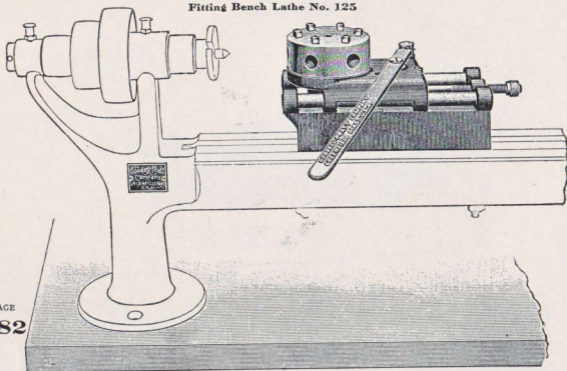
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Goodell-Pratt Company

Turret Attachment No. 128

Fitting Bench Lathe No. 125



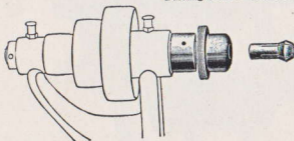
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This Attachment has a turret 3 inches in diameter, provided with six holes $\frac{1}{4}$ inch in diameter. It has a travel of $2\frac{3}{4}$ inches, but will shift and throw automatically only when cuts $1\frac{1}{2}$ inches or less are made. In order to have holes drilled and aligned the TURRET MUST BE ORDERED with the Lathe, for each turret must be fitted to the Lathe upon which it is to be used. When turrets are furnished separately holes will be left undersize and the purchaser must re-bore them on the Lathe to which the turret is to be fitted.

Price, each.....(YAM) \$30.00

Compression Chuck No. 129

Fitting Bench Lathe No. 125



For certain classes of work performed with a turret attachment, and in many other instances where round rods are to be machined, no Bench Lathe would be complete without equipment of this character. We have endeavored to provide one for our No. 125 which would be thoroughly practical and which could be sold at a moderate price. It is made in three parts, a Collar, Collet, and Bushing. The Bushings are furnished in the following sizes: $\frac{1}{8}$, $\frac{1}{4}$, $\frac{3}{8}$, and $\frac{1}{2}$; no larger or smaller sizes can be used. Intermediate sizes to order only at special prices.

Price, complete with one Bushing.....(YARD) \$5.00
Any regular size Bushing listed above..... 2.00

Goodell-Pratt Company

Attachments for No. 125 Bench Lathe

Square Center No. 137



Made of Tool Steel for light turning of wood or steel. Shank No. 1 Morse Taper. Price, \$0.50.

Wood Center No. 134



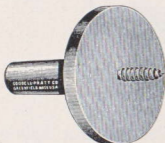
Diameter, $\frac{3}{4}$ inch, for use in Tail Stock. Shank No. 0 Morse Taper. Price, \$0.50.

Spur Center No. 135



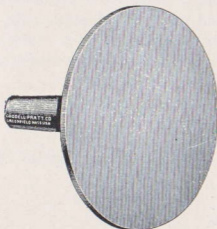
One inch in diameter, for wood turning. Shank No. 1 Morse Taper. Price, \$1.00.

Screw Center Face Plate No. 136



Diameter, $1\frac{1}{2}$ inches. Screw projects $\frac{1}{2}$ inch. Shank No. 1 Morse Taper. Price, \$1.00.

Tail Stock Face Plate No. 133



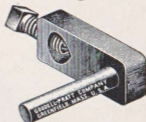
Diameter, 3 inches. Shank No. 0 Morse Taper. Price, \$0.50.

Interchangeable Centers and Shank No. 131



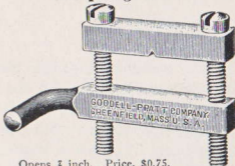
For use in Tail Stock. 1 Cone, 1 Cup, and 1 V Center, all $\frac{3}{4}$ -inch outside diameter. One Shank No. 0 Morse Taper fitting all centers. Price, per set, \$1.50.

Lathe Dog No. 139



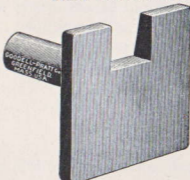
Capacity, $\frac{1}{8}$ to $\frac{1}{2}$ inch; $1\frac{1}{2}$ inches long. $\frac{1}{8}$ inch wide, and $\frac{1}{8}$ inch thick. Driving Pin, $\frac{1}{8}$ -inch diameter, $1\frac{3}{8}$ inches long. Price, \$0.60.

Clamp Dog No. 127



Opens $\frac{3}{8}$ inch. Price, \$0.75.

Table Rest No. 138



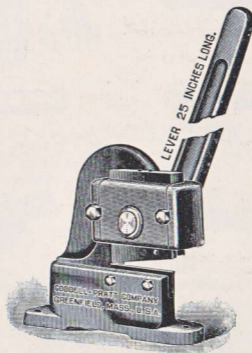
For use in Tool Rest. Two inches square. Shank, $\frac{3}{4}$ inch. Price, each, \$0.50.

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Bench Shear

No. 150



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The construction of this Shear is of a character that cannot fail to commend itself to any one having use for such a tool. Sheets of great width can be readily cut, the shape of the casting being designed particularly with this end in view. It is provided with a long Lever 25 inches in length, and has Blades 4 inches long, opening $\frac{9}{16}$ inch at the front. No work larger than $\frac{3}{16}$ in either round or flat should be attempted; work up to these dimensions is within the capacity of the machine.

The iron parts are attractively finished in machine enamel, the steel parts are polished bright.

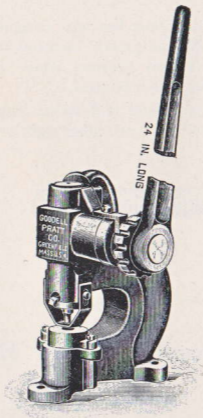
Price, each	(TEETER)	\$20.00
Extra Blades, per set		4.00

Each machine packed in a box.

Gross weight, 46 pounds. Net weight, 31 pounds.

Bench Punching Machine

No. 140



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This Bench Punch is strong enough and heavy enough to punch $\frac{3}{8}$ -inch hole in soft steel or iron, $\frac{1}{8}$ of an inch thick, 4 inches from edge. We do not recommend it for any work by which it would be subjected to a greater strain. It is furnished complete, as shown in cut, with one set of Dies for $\frac{3}{8}$ -inch round hole. It is of attractive design, well made and well finished. Dimensions as follows:

Length of Lever, 26 inches.

Capacity, in soft iron or steel it will punch holes $\frac{3}{8}$ inch in diameter in stock $\frac{1}{8}$ inch thick.

Depth of Throat, 4 inches.

Price, each, with one set $\frac{3}{8}$ -inch round dies(DRIVE) \$20.00

Each machine packed in a box, 26 x 12 x 6 inches.

Gross weight, 75 pounds. Net weight, 58 pounds.

Extra Punches and Dies for round holes only, per set, \$3.00.

Ratchet Attachment for Chain Drills

No. 81



This Attachment has been designed for use with our Chain Drills and greatly increases their field of usefulness in cramped quarters where the ordinary Brace Attachment cannot be used.

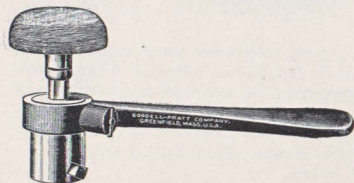
The Iron Handle is 8 inches long, finished in japan, and the tool will work either right or left hand.

Price, each (DRILRAT) \$1.25

Packed one in a box, $8\frac{1}{2} \times 2\frac{3}{4} \times 2\frac{1}{4}$ inches.

Universal Ratchet Handle

No. 83



This tool has an Iron Handle 8 inches long and a Shifter operating the Ratchet mechanism, which can be set for either right or left hand work; it has a ball-bearing Lignum-vitæ Head; the Socket has a square taper hole provided with a set screw for fastening the bit, screw-driver, or nut wrench.

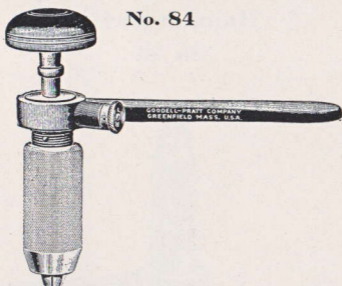
Price, each (TAPER) \$1.50

Packed one in a box, $8\frac{1}{2} \times 4\frac{1}{4} \times 2\frac{1}{2}$ inches.

Weight, $1\frac{1}{4}$ pounds.

Universal Ratchet Handle

No. 84



This tool is provided with a Bit Brace Chuck for Square Shanks, otherwise same as No. 83.

Price, each (TACKLE) \$2.00

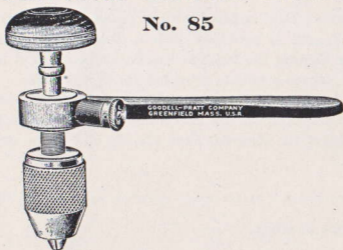
Packed one in a box.

Weight, each, 2½ pounds.

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Universal Ratchet Handle

No. 85

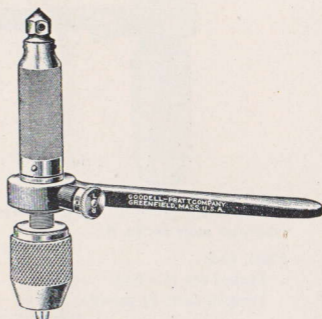


This tool is provided with a Three-Jawed Chuck for holding Round Shank Drills, capacity 0 to ½ inch, otherwise same as No. 83, shown on the preceding page.

Price, each (TACTIC) \$4.00

Ratchet Drill

No. 86



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This Ratchet Drill is fitted with a Three-Jawed Chuck, capacity 0 to $\frac{1}{2}$ inch, and is provided with a Screw Feed which can be operated by turning the knurled handle, or by using a lever in the steel center, where a hole is provided for this purpose.

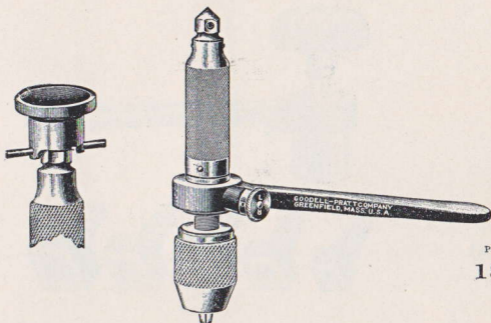
The finish is identical with the various styles of Ratchet Handles, shown and described in the preceding pages. The nickel plating and polishing of the Knurled Feed Handle add to the attractiveness of this tool.

Price, each(TAINT) \$6.00

Packed one in a box.

Weight, each, $2\frac{1}{4}$ pounds.

Ratchet Drill with Automatic Feed.
No. 87



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This Ratchet Drill is identical with the No. 86, shown and described on the preceding page, except that it has the additional equipment of an Automatic Friction Feed Device which can be attached as shown in cut, and the Friction Feed regulated by the user to suit the requirements of any particular case.

Price, each, complete as shown(TALLY) \$8.00

Packed one in a box.

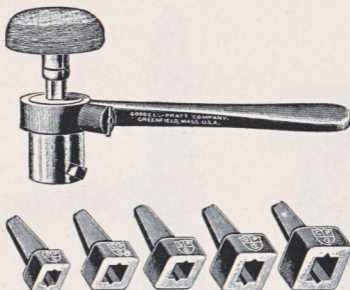
Weight, 3 pounds.

Goodell-Pratt Company

Universal Ratchet Handle

No. 107

With Five Wrench Sockets for Screws and Nuts



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The Wrench Sockets have openings ranging from $\frac{9}{32}$ to $\frac{9}{16}$. They are made of malleable iron with polished faces. For capacity, see table.

Socket Nos.	Set Screws	Sq. Head Cap Screws	Hex. Head Cap Screws	Sq. and Hex. Nuts	Lag Screws
1	$\frac{1}{4}$	—	—	—	—
2	$\frac{5}{16}$	—	—	—	—
3	$\frac{3}{8}$	$\frac{1}{4}$	—	—	$\frac{1}{4}$
4	$\frac{7}{16}$	$\frac{5}{16}$	$\frac{1}{4}$	—	—
5	$\frac{1}{2}$	$\frac{3}{8}$	$\frac{5}{16}$ and $\frac{3}{8}$	$\frac{1}{4}$	$\frac{5}{16}$

Price, per set, complete as shown(FANCY) \$2.50

Packed one set in a box.

Goodell-Pratt Company

Pin Vises

Chuck Patented August 13, 1895



Previous to the introduction of these tools a good Pin Vise was a scarce article, and it has been our aim to make these both strong, convenient, and practical.

The Chucks are Three-Jawed, and will grip the work firmly. They are well finished and nickel plated.

The Handles are small, of polished hard wood, and will fit the hand nicely.

A hole is drilled the entire length.

No. 104. Capacity 0 to $\frac{5}{8}$ inch.....(MANTLE) \$1.50

No. 106. Capacity 0 to $\frac{1}{2}$ inch.....(MANACLE) 2.00

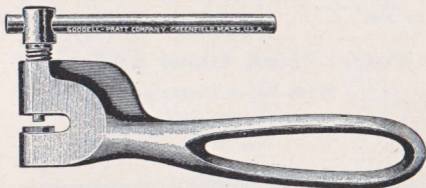
Packed one in a box.

Saw Punch

No. 200

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The punching of the necessary holes in Butchers' Saws has been the source of much annoyance to users of, and dealers in, this article. None of the better class of Butchers' Saw Blades are punched when they leave the factory. There is so much variation in the various styles of Frames of apparently the same length that it would be impossible to do it and have them come right. This little device suggested itself and came into existence because of the above condition, and needs only to be seen to be appreciated.

The Frame is made of malleable iron, nickel plated and polished. The Screw and Crossbar are made of steel, nicely finished. The Die and Punch are made from the finest quality of tool steel, carefully tempered.

Price, per dozen.....(SANDLE) \$5.00

Packed one in a box, $6\frac{1}{4} \times 2\frac{1}{2} \times \frac{3}{4}$ inches. Weight, 9 ounces.

Goodell-Pratt Company

Turret Head Glass Cutters

Patented March 31, 1896

It is our purpose in offering these tools to provide a more perfect and durable, as well as more convenient, Glass Cutter than has heretofore been placed on the market. We call special attention to the novel feature of the No. 1 and No. 2, lying in the turret-like holder for the six cutters, which may be revolved on or clamped to the frame by the screw at its center, the head of which appears on the reverse side of the tool from that shown in the cut. This arrangement enables the operator to place any of the cutters in position for use instantly; or, if desired, the turret may be removed, and the cutters be replaced with new in a minute's time. The turret is held within a circular recess, which protects all of the cutters not in a position for use. The cutters are carefully hardened and ground by special processes. Every cutter is tested by actually cutting glass before being mounted in the tool.



No. 1. Polished and Nickeled Frame, Turret Holder, Six Cutters, Nick-eled Ferrule, Rosewood Finish Handle.

Per dozen (GRAIN) \$4.00
Extra Cutter Wheels, per dozen..... (GRACE) .50

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No. 2. Polished and Nickeled Frame, Putty Knife Combined, Turret Holder, Six Cutters.

Per dozen (GRAIL) \$4.00

Turret Head Glass Cutter

With Extra Magazine

Patented March 31, 1896; Others Pending

No. 400



This Glass Cutter is furnished with twelve wheels, six of them are in the turret and six additional in the magazine compartment, as shown in cut. When the six wheels in the turret are worn out, the operator has six more wheels at his command with which to replace them. It is also provided with a steel ball at the end of the handle for convenience in glass breaking. It is of the same general appearance and finish as the No. 1 Turret Head Glass Cutter, shown and described above; it has, however, twice as many cutter wheels and does not cost quite twice as much.

List, per dozen..... (GANTS) \$7.50

Goodell-Pratt Company

Glass Cutters



- No. 3. Polished Frame, Two Cutters, Nicked Ferrule, Enameled Wood Handle.
Per dozen (GALL) \$2.00



- No. 4. Polished Frame, Putty Knife Combined, Two Cutters.
Per dozen (GLARE) \$2.00



- No. 5. Polished and Bronze Finish Frame, Two Cutters.
Per dozen (GRADE) \$1.50

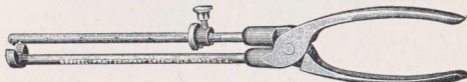


- No. 216. Polished Frame, One Cutter, Nicked Ferrule, Wood Handle.
Per dozen (GAVE) \$1.00



- No. 217. Polished Frame, One Cutter, Metal Handle.
Per dozen (GAWK) \$0.80
All are packed one dozen in a box.

Glass Tube Cutter No. 218



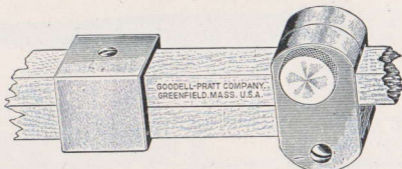
This Cutter is 12 $\frac{1}{2}$ inches long over all, provided with a graduated steel beam 6 $\frac{1}{2}$ inches long, with a gauge stop that can be set at any desired point. The cutter with which it is equipped is especially honed and tested, the beams are polished and nickel plated, the handles are white nicked only. The tool is practically indestructible, and by replacing the cutter wheels from time to time as they become dull, the tool will always be as good as new.

Price, per dozen (GECK) \$15.00
Packed one in a box.

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Pole Collars



This set consists of one solid and one adjustable clamp collar, each with an opening 1 inch square, for use on measuring poles either solid or adjustable. Where adjustable bars are used they should be about $\frac{1}{2}$ inch by 1 inch.

The convenience of this little device will be appreciated by carpenters and mechanics generally. Furnished in two styles of finish, as noted below.

No. 45. Japan Finish, no bars furnished.

Price, per set.....(TINDER) \$0.60

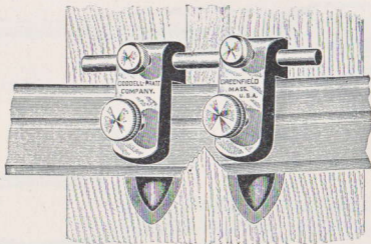
No. 46. Full polished and nickel plated, no bars furnished.

Price, per set.....(TRUE) .75

Packed one set in a box, $4\frac{1}{4} \times 2 \times 1\frac{1}{2}$ inches. Weight, 10 ounces.

Draw Shave Guides

No. 44



Cut shows the tool attached to a Draw Shave; we furnish Gauges only, no Blades.

This tool, sometimes called a Chamfer Gauge, is particularly useful in cornering heavy timber, insuring evenness and uniformity in the width of the chamfer, and enabling the operator to do a good job and save much time. These are made in a medium size; can be attached without difficulty to any ordinary Draw Shave.

The back of the Guides are polished, the faces and knurled head thumb-screws nickel plated.

Price, per pair(PEDAL) \$1.00

Packed one pair in a box, $4\frac{1}{2} \times 1\frac{3}{4} \times 1\frac{1}{2}$ inches. Weight, 10 ounces.

Goodell-Pratt Company

Pattern Makers' Spoke Shave

No. 36



This Spoke Shave is designed and built with a special regard to the wants of a pattern maker; in fact, the design and form of construction are both the result of long years of experience in this particular vocation.

The Frame is entirely of iron, so shaped as to fit perfectly the hand of the operator, making possible a delicacy of touch which could not be obtained in any other way

The Blade has a backward and forward adjustment, and is made as well as it is possible to make a Blade of this character. The whole tool is $9\frac{1}{2}$ inches long, and carries a Blade 2 inches wide.

The Frame is finished in japan, the Blade is highly polished, the Thumb Nut is nickel plated.

Price, per dozen (SPOSHA) \$9.00

Packed one in a box, $10 \times 2\frac{1}{2} \times 1\frac{1}{2}$ inches.

Weight, 13 ounces.

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Double Knife Spoke Shave

No. 37



This is particularly a pattern makers' tool, and one which will effect a great saving of time in shoulders, corners, in grooves and slots, and in many other places where it is impossible to operate an ordinary Spoke Shave; a protector can be used over either Blade, making it equally adaptable for either right or left hand work. The tool is well finished and thoroughly practical in its working.

Price, per dozen (DOUBLE) \$9.00

Packed one in a box, $3\frac{3}{4} \times 1\frac{1}{2} \times \frac{3}{4}$ inches.

Weight, 6 ounces.

Goodell-Pratt Company

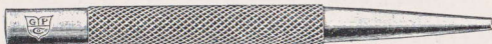
Knurled Cup Point Nail Set No. 999



These Nail Sets and Punches are made from the very finest quality of tool steel, $\frac{3}{16}$ inch in diameter, knurled, as shown in cut. - They are furnished in assorted sizes and different styles of point, as described below, and are tempered their entire length.

$\frac{9}{16}$, $\frac{5}{8}$, $\frac{1}{2}$, $\frac{3}{4}$, or assorted (KAMBUL) Per Dozen \$2.00

Knurled Cup Point Nail Set No. 990



This is our new Slim Nail Set, $\frac{1}{8}$ inch in diameter at the knurling. These are in every way of equal quality with the others of our famous 990 series. Bright finish.

$\frac{9}{16}$, $\frac{5}{8}$, $\frac{1}{2}$, or assorted (KARTER) Per Dozen \$2.00

Knurled Solid Punches No. 996



Same as 999, but with solid points.
Price, per dozen, assorted (KRUE) \$2.00

Knurled Center Punches



No. 995. With regular point, as shown in cut (KRALE) Per Dozen \$2.50
No. 994. With special small point (KANTER) 2.50

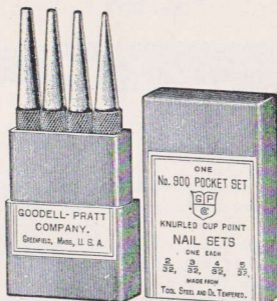
Knurled Prick Punches No. 998



Same as No. 995, except points are longer.
Price, per dozen (KNUPP) \$2.50
All styles packed one dozen in a box.

Goodell-Pratt Company

Pocket Set Nail Sets No. 900



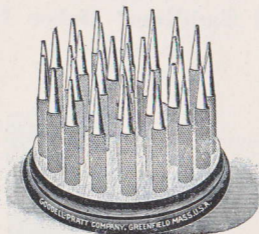
*This set consists of our high-grade No. 999 Nail Sets, one each, $\frac{3}{32}$, $\frac{3}{32}$, $\frac{4}{32}$, and $\frac{5}{32}$, put up in a convenient pocket case, as shown in cut.

Price, per set.....(KEEL) \$0.75
Packed three sets in a box.

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Nail Set Display Board No. 936



This assortment consists of three dozen of our very best No. 999 Nail Sets, in assorted sizes, put up on neat display board, as shown in cut.

Price, per set.....(KAIL) \$7.00
Packed one set in a box.

Knurled Saddlers' Drive Punches

No. 997



These tools are in every way companions to the others in our 990 series, described on previous pages, and are of the same high quality.

We wish to call particular attention to the knurling, which fact the user will at once appreciate. They are made in 12 sizes, as listed below.

No. 1.	Per dozen, size of knurling $\frac{3}{8}$ inch, hole $\frac{1}{8}$ inch.....	(KNIT)	\$3.00
No. 2.	Per dozen, size of knurling $\frac{3}{8}$ inch, hole $\frac{3}{16}$ inch.....	(KNOCK)	3.00
No. 3.	Per dozen, size of knurling $\frac{3}{8}$ inch, hole $\frac{1}{4}$ inch.....	(KINTO)	3.00
No. 4.	Per dozen, size of knurling $\frac{3}{8}$ inch, hole $\frac{1}{2}$ inch.....	(KRUG)	3.00
No. 5.	Per dozen, size of knurling $\frac{3}{8}$ inch, hole $\frac{3}{4}$ inch.....	(KRAG)	3.00
No. 6.	Per dozen, size of knurling $\frac{3}{8}$ inch, hole $\frac{7}{8}$ inch.....	(KROG)	3.00
No. 7.	Per dozen, size of knurling $\frac{7}{8}$ inch, hole $\frac{1}{8}$ inch.....	(KRIG)	3.00
No. 8.	Per dozen, size of knurling $\frac{7}{8}$ inch, hole $\frac{3}{16}$ inch.....	(KNEE)	3.50
No. 9.	Per dozen, size of knurling $\frac{7}{8}$ inch, hole $\frac{1}{4}$ inch.....	(KINO)	3.50
No. 10.	Per dozen, size of knurling $\frac{7}{8}$ inch, hole $\frac{3}{8}$ inch.....	(KARO)	3.50
No. 11.	Per dozen, size of knurling $\frac{1}{2}$ inch, hole $\frac{1}{8}$ inch.....	(KNOUT)	4.00
No. 12.	Per dozen, size of knurling $\frac{1}{2}$ inch, hole $\frac{3}{16}$ inch.....	(KNAVE)	4.00

PAGE

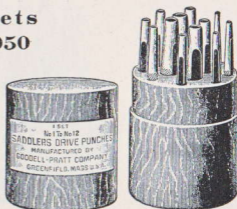
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Knurled Saddlers' Drive Punches

In Sets

No. 950

This set consists of one each Saddlers' Drive Punch, No. 1 to 12, put up in a neat, round box, as shown in cut.

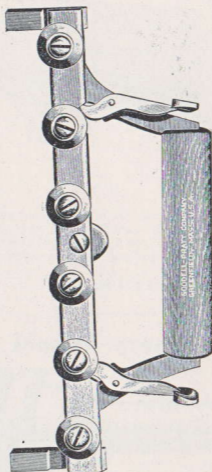


Price, per set, complete in box as shown.....(KNOLL) \$3.50
Weight, per set, $1\frac{1}{2}$ pounds.

Clapboard Marker

No. 340

Shepardson Patent, October 18, 1904



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This tool is a great improvement over the so-called siding markers which have been upon the market for many years. The marking cutters are parallel with the guides when placed against the corner board or window casing, the cutters being beveled on one side only insure an accurate marking and a close joint; it can be operated for either right or left hand, and automatically accommodates itself to various thicknesses of clapboards.

The metal parts of this tool are finished in white nickel, and the hard-wood handle is well polished.)

Price, each.....(PARROT) \$1.00

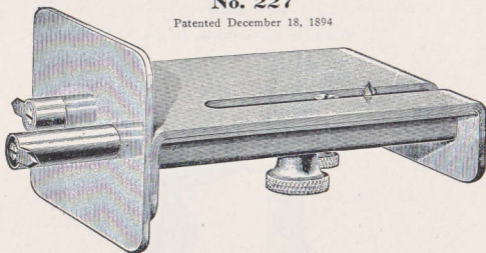
Packed one in a box, $8\frac{1}{4} \times 3\frac{1}{4} \times 1$ inch. Weight, 1 pound

Goodell-Pratt Company

Combination Butt Gauge

No. 227

Patented December 18, 1894



This tool is specially designed for door hanging and mortise work. The double-edge spurs are carefully hardened; the one on the back end of the double-end bar is adjustable for the regulation of clearance.

It is made entirely of steel, full polished and nickel plated.

Price, per dozen (PASTE) 12.00

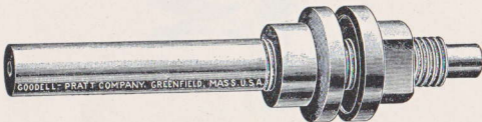
Packed one in a box, $3\frac{3}{4} \times 2\frac{1}{2} \times 1\frac{1}{4}$ inches.

Weight, 9 ounces.

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Saw or Emery Wheel Arbors



These little Arbors will be found a great convenience for holding Saws or Emery Wheels in small Lathes.

They are made in four sizes, as described below:

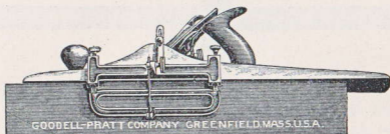
- | | | |
|----------|--|----------------|
| No. 321. | 4 inches long, $\frac{3}{8}$ inch in diameter, opening $\frac{1}{2}$ inch between flanges. | |
| | Price, each | (SAWER) \$0.75 |
| No. 322. | $4\frac{1}{2}$ inches long, $\frac{1}{2}$ inch in diameter, opening between flanges $\frac{3}{4}$ inch. | |
| | Price, each | (SARBO) 1.00 |
| No. 323. | 7 inches long, $\frac{3}{4}$ inch in diameter, opening between flanges 1 inch, diameter of shaft between flanges $\frac{1}{2}$ inch. | |
| | Price, each | (SANTOS) 1.50 |
| No. 324. | 10 inches long, 1 inch in diameter, opening between flanges 1 inch, diameter of shaft between flanges $\frac{3}{4}$ inch. | |
| | Price, each | (SABOT) 2.50 |

Goodell-Pratt Company

Iron Plane Gauge

No. 333

Cut shows Gauge attached to a Plane



This tool can be readily attached to any Iron Plane, and will enable the operator to accurately plane bevels of any desired angle, or make an even joint, and will do away with the continued use of a Bevel or Try Square. The flat surface of the guide is ground to insure its accurate working.

This little device is so simple that very little skill is required to operate it, and an inexperienced workman can do as nice a job of beveling or jointing, and in much less time, than his more skillful brother workman with his years of experience using his plane without this attachment.

It is made entirely of iron and steel, and fully nickeled.

Price, each.....(WRANGLE) \$1.50

Packed one in a box, $8\frac{1}{2} \times 5 \times 2$ inches.

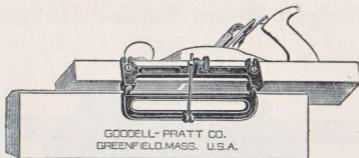
Weight, $1\frac{1}{4}$ pounds.

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Wood Plane Gauge

No. 334



This device can be attached to any Wood Plane for accurate jointing and beveling; it will prove quite as valuable an attachment for a Wood Plane as the No. 333, described above, is for an Iron one.

Made entirely of iron and steel, fully nickeled.

Price, each.....(PATIENT) \$1.00

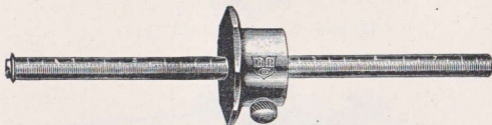
Packed one in a box, $8\frac{1}{2} \times 4\frac{1}{2} \times 1\frac{1}{2}$ inches.

Weight, 18 ounces.

Goodell-Pratt Company

Single Beam Roller Gauge

No. 220

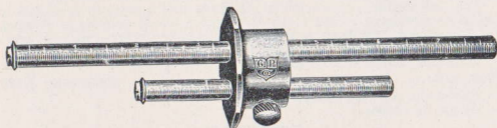


This tool has one 8-inch graduated steel beam, with roller marker, and is full polished and nickel plated.

Price, per dozen(PASS) \$12.00

Double Beam Roller Gauge

No. 221

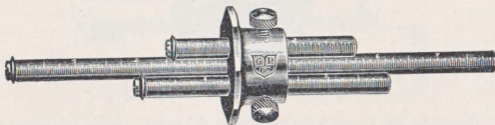


This tool has two graduated steel beams, with roller markers, and is full polished and nickel plated. Beams, 8 inches and 4 inches.

Price, per dozen(PASSER) \$15.00

Triple Beam Roller Gauge

No. 222



This tool will be found a great convenience and labor saver where either single, double, or triple measurements are desired. The three beams are of different lengths, and each one is graduated. The whole tool is polished and nickel plated. Beams, 3 inches, 4 inches, and 8 inches.

Price, per dozen(TACILE) \$18.00

Packed one in a box.

Goodell-Pratt Company

Circular or Oval Gauge

No. 225



While this Roller Gauge can be used on straight work, it is particularly designed for circles and ovals. It is made up with a suitable head, as shown in cut, and an 8-inch graduated beam, with roller marker. The head can be fastened into position by knurled thumb-screw; the beam is full polished and nickel plated, the head is white nickeled.

Price, each (PARRY) \$0.75

Packed one in a box, $8\frac{1}{2} \times 2\frac{3}{4} \times 1\frac{3}{4}$ inches. Weight, 6 ounces.

Circular or Oval Gauge

No. 226



This tool differs from the above only in having a fine adjustment for the head for use on close work. This adjustment can be operated after the head is clamped in position.

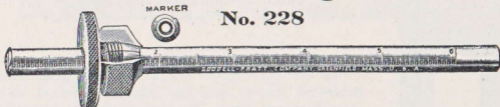
Beam is 8 inches long, full polished and nickel plated; head, white nickeled.

Price, each (PARSON) \$1.00

Packed one in a box, $8\frac{1}{2} \times 2\frac{3}{4} \times 1\frac{3}{4}$ inches. Weight, 8 ounces.

Scratch Gauge

No. 228



The graduated beam is nearly 7 inches long, graduated 6 inches of its length; the traveling head is split, and the binding ring arranged to tighten it in any desired position without in any way marring the graduation. The beam is full polished and nickel plated; the knurled nuts and the edges of the head are white nickeled. The marker does not rotate; it is, however, notched, making a formed cutter, the face of which can be ground and the cutter always kept sharp.

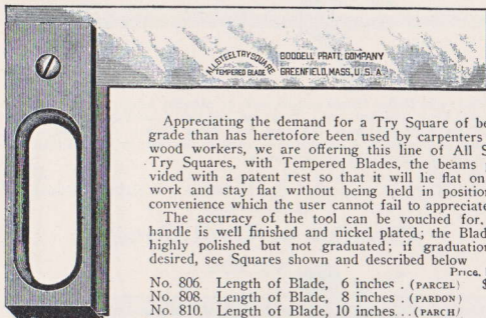
Price, each (PASSAGE) \$1.25

Packed one in a box.

Goodell-Pratt Company

All Steel Try Squares

Tempered Blades
Patent Applied For



Appreciating the demand for a Try Square of better grade than has heretofore been used by carpenters and wood workers, we are offering this line of All Steel Try Squares, with Tempered Blades, the beams provided with a patent rest so that it will lie flat on the work and stay flat without being held in position, a convenience which the user cannot fail to appreciate.

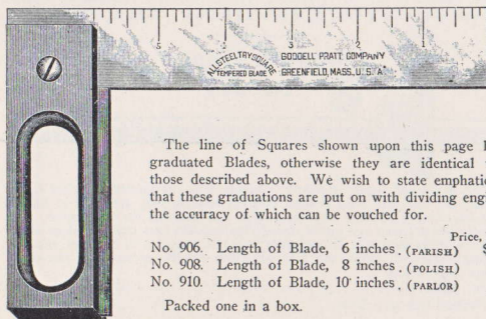
The accuracy of the tool can be vouched for, the handle is well finished and nickel plated; the Blade is highly polished but not graduated; if graduation is desired, see Squares shown and described below

	Price, Each
No. 806. Length of Blade, 6 inches . (PARCEL)	\$1.00
No. 808. Length of Blade, 8 inches . (PARDON)	1.25
No. 810. Length of Blade, 10 inches . (PARCH/)	1.50

Packed one in a box.

All Steel Try Squares

Tempered Blades
Patent Applied For
Graduated Blades



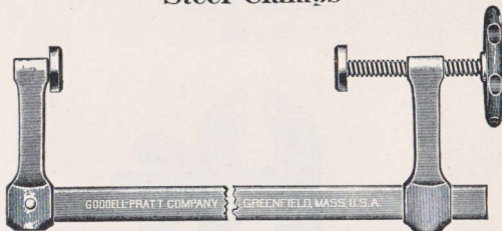
The line of Squares shown upon this page have graduated Blades, otherwise they are identical with those described above. We wish to state emphatically that these graduations are put on with dividing engines, the accuracy of which can be vouched for.

	Price, Each
No. 906. Length of Blade, 6 inches . (PARISH)	\$1.25
No. 908. Length of Blade, 8 inches . (POLISH)	1.50
No. 910. Length of Blade, 10 inches . (PARLOR)	1.75

Packed one in a box.

Goodell-Pratt Company.

Steel Clamps



We are furnishing these Clamps in seven sizes, as listed below. They are so constructed that they can be quickly adjusted and will lock themselves the moment the pressure is applied to the screw. The bar is $3\frac{1}{4}$ inches from center of screw; the lengths given are opening lengths, not over-all measurements. They are furnished with steel button, steel screw, malleable iron arms, and drawn steel bar, $\frac{3}{4}$ by $\frac{1}{4}$ inch. It will be found a very desirable Clamp for light or medium work. The bars are finished bright, the arms japanned, making an attractive finish.

No. 170, to open 4 inches, list each	(SACHEM)	\$0.60
No. 171, to open 6 inches, list each	(SACHET)	.70
No. 172, to open 8 inches, list each	(SABLE)	.80
No. 173, to open 10 inches, list each	(SACKBUT)	.90
No. 174, to open 12 inches, list each	(SADDLE)	1.00
No. 175, to open 18 inches, list each	(SAFFRON)	1.25
No. 176, to open 24 inches, list each	(SAGO)	1.50

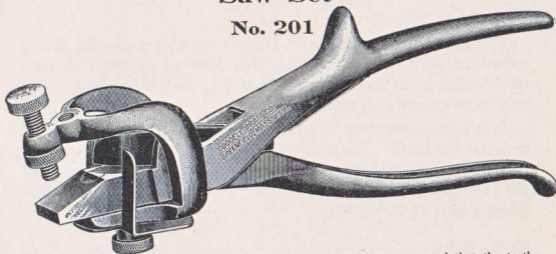
Packed two Clamps in a box.

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Saw Set

No. 201



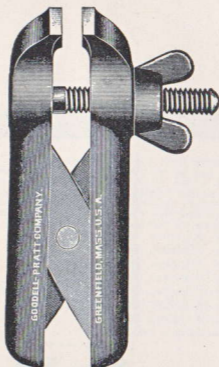
Designed for use on either wide or narrow saws, and so constructed that the teeth of the saw are always in sight of the operator, insuring accuracy in setting. The Frame and Handles are made of malleable iron; the inserted Anvil is made of steel carefully tempered; the Jaw also is tempered steel; the Adjustable Gauge can be easily brought into position; in fact, we believe this to be one of the most practical Saw Sets on the market. It is well made, all steel parts are polished, other parts are white nicked. Eight inches long over all.

Price, per dozen.....(SAWSET) \$10.00

Packed one in a box.

Hand Vise

No. 96



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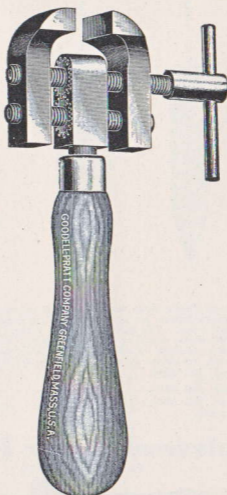
The making of this style of Hand Vise with a parallel jaw is something of a departure; while this form of construction adds considerable to its cost, the increase will be more than offset by the gain in its convenience and utility.

It is made from drop forgings, the faces of the jaws are scored and case hardened. The finish of the tool is black, with the exception of the edges of the jaws, which are polished. The faces of the jaws are $1\frac{3}{16}$ inches long, $\frac{3}{8}$ inch wide; jaws open $1\frac{3}{8}$ inches; whole tool is $4\frac{1}{2}$ inches long.

Price, each (OPEN) \$1.50

Packed one in a box, $5\frac{1}{4} \times 3 \times 1$ inches.

Hand Vises



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The construction of these Vises is unique in that they are provided with a double screw geared together, insuring parallel jaw faces up to their extreme capacity, making it possible to secure a firmer hold than could be accomplished by the use of a single screw.

The Jaws are made from drop forgings with faces scored; the socket, screws, and equalizing gears are all steel. The handle is polished hard wood and the finish of the metal parts varies in the two different styles listed below. We desire to call particular attention to the convenience of the sliding handle. The jaws open $1\frac{1}{2}$ inches and their faces are $1\frac{1}{8}$ by $\frac{3}{8}$ inches.

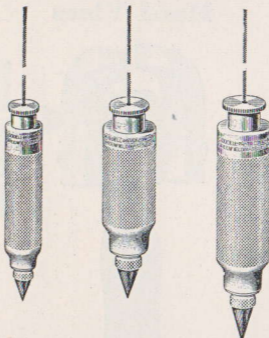
No. 97. Full Polished and Nickel Plated with Hard Wood Handle. Price, each.....(OAKUM) \$2.00

No. 98. All Metal Parts Black Finish with Hard Wood Handle. Price, each.....(OFFER) 1.75

Packed one in a box, $9\frac{1}{4} \times 5 \times 1\frac{3}{4}$ inches.

Goodell-Pratt Company

Plumb Bobs



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In designing these Plumb Bobs we have aimed at the production of an article which will satisfy the most particular workman, and at the same time have a tool which can be sold at a moderate price. The body part is of brass, polished, knurled, nickeled, and buffed, and filled with heavy metal to get the required weight. The points are of steel, tempered, ground, and polished. Each Bob is furnished with six feet of laid twine; they are made in three sizes, as shown in cut, and weigh 8, 12, and 16 ounces each.

No. 539, 8 ounces, list each.....	(BOBB)	\$1.00
No. 540, 12 ounces, list each.....	(BABB)	1.25
No. 541, 16 ounces, list each.....	(BLAB)	1.50

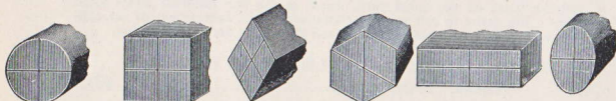
Packed one in a box.

Universal Center Finders

Patented July 3, 1906



Showing Operation



This little device enables the operator to accurately locate the center in any piece of material, round, square, rectangular, or oval, of any diameter up to its capacity, by drawing two lines, the intersection of which must be the center point. It is made of steel, polished and nickeled. Furnished in three sizes as below:

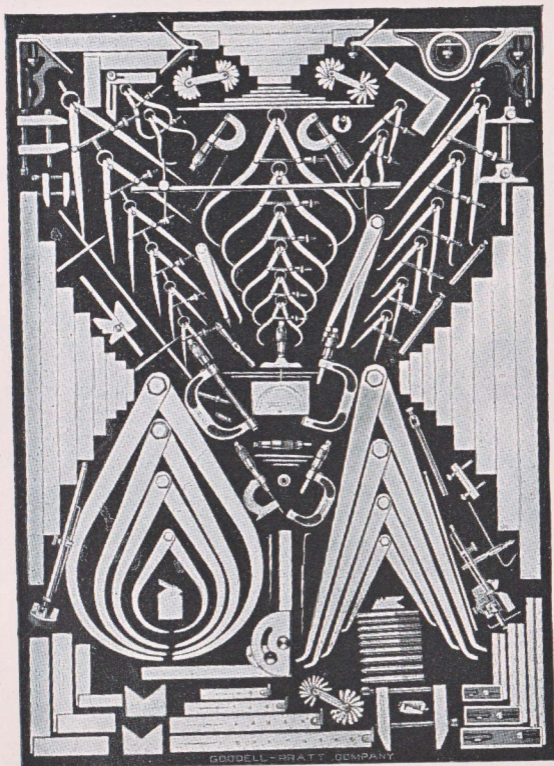
No. 341, 2 inches and under, list each.....	(FENCE)	\$0.50
No. 342, 3½ inches and under, list each.....	(FEND)	.75
No. 343, 6 inches and under, list each.....	(FELT)	1.00

Packed one in a box.

Goodell-Pratt Company

"Mass. Tool Co." Brand

A Sample Display



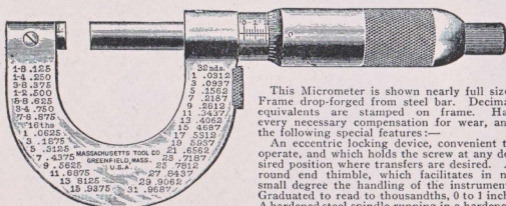
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GOODSELL-PRATT COMPANY

Goodell-Pratt Company

"Mass. Tool Co." Brand

One-inch Micrometer Caliper No. 2



This Micrometer is shown nearly full size. Frame drop-forged from steel bar. Decimal equivalents are stamped on frame. Has every necessary compensation for wear, and the following special features:—

An eccentric locking device, convenient to operate, and which holds the screw at any desired position where transfers are desired. A round end thimble, which facilitates in no small degree the handling of the instrument. Graduated to read to thousandths, 0 to 1 inch. A hardened steel spindle running in a hardened bushing obviating all possible chance of roughing up or wear. A hardened steel anvil, with

face, shoulder, and stem in perfect alignment with spindle, and admitting of accurate adjustment from this end. Locked by eccentric stud.

Price, each.....(MIC) \$5.50

Price of leather case.....(MAGIC) .50

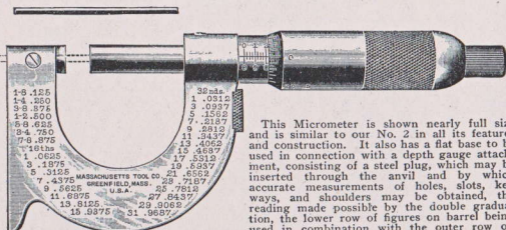
Sent without case unless otherwise ordered.

Metric

No. 2 M. For measurements by $\frac{1}{16}$ mm. to 25 mm.
Prices same as No. 2.

One-inch Micrometer Caliper No. 3

With Depth Gauge Attachment



This Micrometer is shown nearly full size and is similar to our No. 2 in all its features and construction. It also has a flat base to be used in connection with a depth gauge attachment, consisting of a steel plug, which may be inserted through the anvil and by which accurate measurements of holes, slots, key ways, and shoulders may be obtained, the reading made possible by the double graduation, the lower row of figures on barrel being used in combination with the outer row on

thimble. This feature alone greatly enhances the value of this instrument while in no way detracting from its other fields of usefulness.

Price, each.....(MAGNET) \$6.00

Price of leather case.....(MAID) .50

Sent without case unless otherwise ordered.

Metric

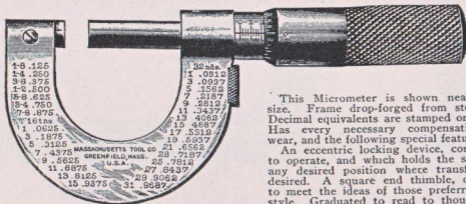
No. 3 M. For measurements by $\frac{1}{16}$ mm. to 25 mm.
Prices same as No. 3.

Goodell-Pratt Company

"Mass. Tool Co." Brand

One-inch Micrometer Caliper

No. 12



This Micrometer is shown nearly full size. Frame drop-forged from steel bar. Decimal equivalents are stamped on frame. Has every necessary compensation for wear, and the following special features:—

An eccentric locking device, convenient to operate, and which holds the screw at any desired position where transfers are desired. A square end thimble, designed to meet the ideas of those preferring this style. Graduated to read to thousandths, 0 to 1 inch. A hardened cast steel spindle running in a hardened steel bushing, obvi-

ating any possible chance of roughing up or wear. A Hardened Steel Anvil, having face, shoulder, and stem in perfect alignment with spindle and admitting of accurate adjustment from this end. Locked by eccentric stud.

Price, each (MARGIN) \$5.00

Price of leather case (MORE) .50

Sent without case unless otherwise ordered.

Metric

No. 12 M. For measurements by $\frac{1}{16}$ mm. to 25 mm.
Prices same as No. 12.

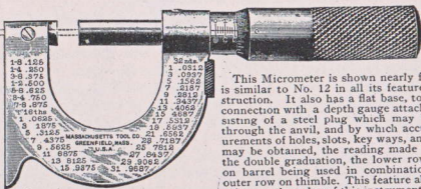
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One-inch Micrometer Caliper

Patented February 20, 1894

No. 13



This Micrometer is shown nearly full size and is similar to No. 12 in all its features and construction. It also has a flat base, to be used in connection with a depth gauge attachment, consisting of a steel plug which may be inserted through the anvil, and by which accurate measurements of holes, slots, key ways, and shoulders may be obtained, the reading made possible by the double graduation, the lower row of figures on barrel being used in combination with the outer row on thimble. This feature alone greatly enhances the value of this instrument while in no way detracting from its other fields of usefulness.

Price, each (MALT) \$5.50

Price of leather case (MEAD) .50

Sent without case unless otherwise ordered.

Metric

No. 13 M. For all measurements by $\frac{1}{16}$ mm. to 25 mm.

Price, each (MAGI) \$5.50

Price of leather case (MAGGOT) .50

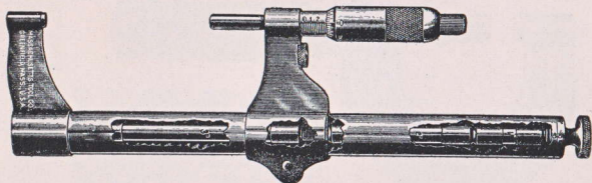
Sent without case unless otherwise ordered.

Goodell-Pratt Company

"Mass. Tool Co." Brand

0 to Six-inch Beam Micrometer Caliper

No. 6



Patented December 20, 1892

The principle upon which this Micrometer is constructed is that of a series of Standard Plugs placed inside the tubular beam of the frame (which is slotted to allow a Key, fastened to the traveling head, to come in contact with the ends of the Standards). The location of the Traveler (which carries the measuring screw and thimble) is determined by which length of standard is placed first in advance in the tube towards the fixed head or anvil.

Following the Traveler are placed the other standards and the knurled Test Screw at the end of the beam turned until the 0 marks on it and the frame register alike.

ONE, TWO, and THREE inch Standard Plugs are furnished, which separately or in combination make possible any position in even inches from 0 to 6.

The hardened lead screw runs in a hardened steel bushing and has a one-inch movement.

Thimble is graduated to read to $\frac{1}{1000}$ inches. The Micrometer has our eccentric locking device and means of compensation for wear.

Care should be taken in use to see that the standard plugs are carefully wiped after they are removed before being replaced, to insure the contact surfaces being free from dirt or grit, as otherwise the two 0 marks will not register.

The perfect accuracy of this standard plug system as applied to a Micrometer cannot fail to be perceived, and the fact that new plugs can be procured at any time should any necessity demand, without the bother and expense of having the entire instrument refitted, should not be lost sight of.

Price, each.....(MCROM) \$15.00

Price of leather case.....(METEOR) 1.50

Sent in case unless otherwise ordered.

Metric

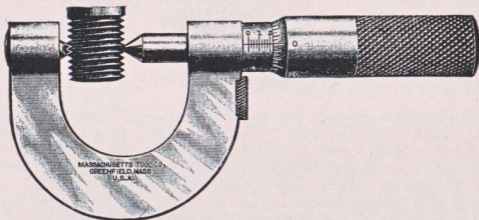
No. 6 M. For all measurements by $\frac{1}{100}$ mm. to 15 cm.

Prices same as above.

Goodell-Pratt Company

"Mass. Tool Co." Brand

Screw Thread Micrometers



These Calipers measure the actual V-thread on screws, taps, thread-gauges, etc.; as the thread itself is measured the outside of the piece does not enter into consideration. The spindle point measures all pitches, but the fixed anvil is limited in its capacity, the same one not being correct for a great number of pitches, therefore they are made to cover each a certain range as listed below.

One Inch

No. 33.	Range 8 to 13 Pitch	(MERE)	\$7.50
No. 33A.	Range 14 to 20 Pitch.....	(MERIT)	7.50
No. 33B.	Range 22 to 30 Pitch.....	(MEND)	7.50
No. 33C.	Range 32 to 40 Pitch.....	(MERGE)	7.50

Two Inch

No. 34.	Range 4½ to 7 Pitch.....	(MIRTH)	9.00
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One-inch Micrometer Head

No. 38



These Micrometer heads have the same accurate screw and thimble of our regular tools and are most convenient for attachment to machines, etc., where fine adjustments are needed.

Length of extension of barrel, $\frac{3}{8}$ inch, diameter, $\frac{7}{16}$ inch.

Price, each(MOON) \$3.50

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Goodell-Pratt Company

"Mass. Tool Co." Brand

Two-inch Micrometer Caliper

No. 20



This Micrometer measures both lengths and diameters from 1 inch to 2 inches. Frame is of steel, made in I section, which gives strength and rigidity where needed without adding unduly to the weight. Frame is finished bright on all parts coming in contact in handling and in black enamel in depressed surfaces. The Spindle (hardened cast steel) runs in a hardened steel bushing inserted in end of frame. An eccentric locking device holds the measuring screw fixed in any position as desired. A hardened steel anvil of same size as measuring screw spindle in perfect alignment with it, and fastened by an eccentric stud. Outer end of frame is same size as lead screw and edges of measuring surface left square. It will gauge under shoulders or measure small projections. Graduated to read to thousandths, 1 to 2 inches. The Micrometer has every necessary means of adjustment for wear.

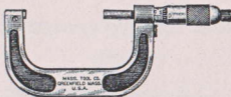
Price.....(MAZE) \$5.50
Price of leather case.....(MARK) .75

Metric

No. 20 M. For measurements by $\frac{1}{100}$ mm. from 25 mm. to 50 mm.
Prices same as No. 20.

Three-inch Micrometer Caliper

No. 21



This Micrometer, similar in design and construction to No. 20, has a range from 2 to 3 inches, all dimensions.

Price, each.....(MAT) \$6.00
Price of leather case.....(MAY) 1.00

Metric

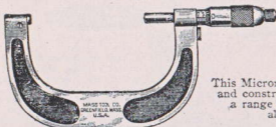
No. 21 M. For all measurements by $\frac{1}{100}$ mm. from 50 mm. to 75 mm.
Prices same as No. 21.

Goodell-Pratt Company

"Mass. Tool Co." Brand

Four-inch Micrometer Caliper

No. 22



This Micrometer, similar in design and construction to No. 21, has a range from 3 to 4 inches, all dimensions.

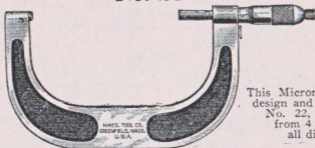
Price, each (MUFF) \$6.50
Price of leather case (MAN) 1.25

Metric

No. 22 M. For all measurements by $\frac{1}{16}$ mm. from 75 mm. to 100 mm.
Prices same as No. 22.

Five-inch Micrometer Caliper

No. 23



This Micrometer, similar in design and construction to No. 22, has a range from 4 to 5 inches, all dimensions.

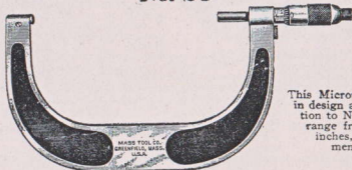
Price, each (MIST) \$7.25
Price of leather case (MORAL) 1.50

Metric

No. 23 M. For all measurements by $\frac{1}{16}$ mm. from 100 mm. to 125 mm.
Prices same as No. 23.

Six-inch Micrometer Caliper

No. 24



This Micrometer, similar in design and construction to No. 23, has a range from 5 to 6 inches, all dimensions.

Price, each (MEEK) \$8.00
Price of leather case (MAUL) 1.50

No. 24 M. For all measurements by $\frac{1}{16}$ mm. from 125 mm. to 150 mm.
Prices same as No. 24.

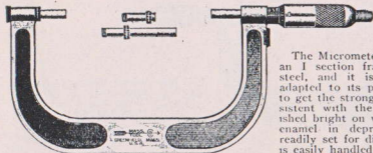
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Goodell-Pratt Company

"Mass. Tool Co." Brand

0 to Three-inch Micrometer Caliper No. 14



The Micrometer Caliper shown above has an I section frame made from a special steel, and it is in every way perfectly adapted to its purposes. It was designed to get the strongest yet lightest frame consistent with the necessary stiffness. Finished bright on wearing surfaces and black enamel in depressed parts. It can be readily set for different measurements, and is easily handled for rapid work. It measures all sizes from 0 to 3 inches in length, and to 3 inches in diameter by thousandths.

Three anvils are furnished, measuring from 0 to 1 inch, 1 inch to 2 inches, 2 inches to 3 inches. Each anvil is carefully hardened and is provided with special means of adjustment for wear. They are easily and quickly adjusted in the frame. It has our eccentric locking device, hardened cast steel lead screw, hardened steel bushing in the end of the barrel, and every necessary compensation for wear.

Price, each (METAL) \$8.00
Price of leather case..... (MAIN) 1.00

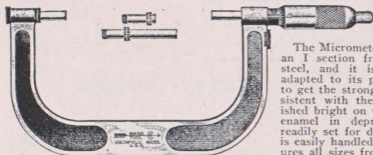
Standards

A set of standards for testing accuracy of setting the anvils furnished if desired.
Price \$4.00

Metric

No. 14 M. For measurements by $\frac{1}{10}$ mm. to 75 mm.
Prices same as No. 14.

Three to Six-inch Micrometer Caliper No. 15



The Micrometer Caliper shown above has an I section frame made from a special steel, and it is in every way perfectly adapted to its purposes. It was designed to get the strongest yet lightest frame consistent with the necessary stiffness. Finished bright on wearing surfaces and black enamel in depressed parts. It can be readily set for different measurements, and is easily handled for rapid work. It measures all sizes from 3 inches to 6 inches in length, and to 6 inches in diameter by

thousandths. Three anvils are furnished, measuring from 3 inches to 4 inches, 4 inches to 5 inches, 5 inches to 6 inches. Each anvil is carefully hardened and is provided with special means of adjustment for wear. They are easily and quickly adjusted in the frame. It has our eccentric locking device, hardened cast steel lead screw, hardened steel bushing in the end of the barrel, and every necessary compensation for wear.

Price, each..... (MAW) \$10.00
Price of leather case..... (MASTER) 1.50

Standards

A set of standards for testing accuracy of setting the anvils furnished if desired.
Price \$4.00

Metric

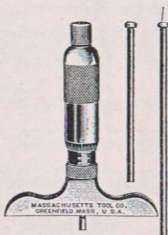
No. 15 M. For measurements by $\frac{1}{10}$ mm. from 75 mm. to 150 mm.
Prices same as No. 15.

Goodell-Pratt Company

"Mass. Tool Co." Brand

Micrometer Depth Gauge

No. 31



This Depth Gauge is designed for the most accurate measurements of depths of holes, slots, shoulders, projections, etc., distances from 0 to 3 inches. It has a one-inch movement of screw (a very valuable feature). Thimble graduated to read to thousandths. It is regularly furnished with three measuring rods with hardened ends. Each rod carries an adjusting device on head for individual compensation of wear. Base is hardened and ground. The different rods are inserted through a hole in the measuring screw (by removing the knurled end nut on the thimble) and brought to a positive bearing against a finished seat on end of screw; the end nut is then screwed on, thus assuring a positive end contact that does not depend on any device liable to be lost or worn by use. This method also leaves the top or end of thimble in its usual form regardless of what length of rod is in use.

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Price, 2½-inch base	(MEIN)	\$4.50
Price of leather case	(MIGHT)	75

No. 32

Same as above with 4-inch base.

Price, each	(MOUND)	\$5.00
Price of leather case	(MURK)	1.00

Metric

No. 31 M. Measurements by $\frac{1}{100}$ mm. to 75 mm.

Prices same as No. 31

No. 32 M. Measurements by $\frac{1}{100}$ mm. to 75 mm.

Prices same as No. 32.

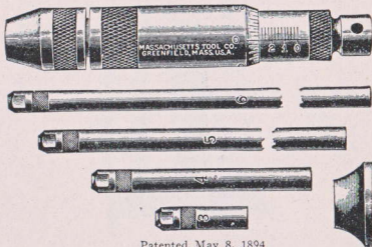
Sent without case unless otherwise ordered.

Goodell-Pratt Company

"Mass. Tool Co." Brand

Inside Micrometer Gauge

No. 10



Patented May 8, 1894

This Micrometer Gauge differs from others commonly used in having the correctness of its measuring capacity, and the absolute distance of one of its anvils from the other, governed positively by the end of the extension measuring rods seating solid against the bottom of the binding chuck. Compensation for wear of rods is made by loosening binding chuck nut and adjusting hardened steel anvil in end of rod. This Micrometer has the same accurate screw and nut as all our other measuring devices. Particular attention is called to the fact that this tool is provided with a screw which has ONE inch RUN, greatly facilitating its use on large work. It is regularly furnished with four extension rods, admitting of accurate measurements from 3 to 7 inches.

Price, each.....(MART) \$4.00
Price of leather case.....(MYRRH) .50

Extra rods of any length furnished at 10 cents per inch.

No. 17

Similar in construction and design to No. 10 with measuring rods, making the limit of measurement 3 inches to 10 inches.

Price of set.....(MODE) \$4.50
Price of leather case.....(MONTH) .75

No. 18

Similar in construction and design to No. 10 with measuring rods, making limit of measurement 10 inches to 18 inches.

Price of set.....(MUST) \$5.50
Price of leather case.....(MONSTER) 1.00

No. 19

Similar in construction and design to No. 10 with measuring rods, making limit of measurement 3 inches to 18 inches.

Price of set.....(MINT) \$7.50
Price of leather case.....(MISS) 1.50

Special lengths or combinations furnished to order.

Goodell-Pratt Company

"Mass. Tool Co." Brand.

Tempered Steel Rules

We are now making all rules and square blades with SHADED FIGURES, and as fast as our present stock is exhausted we shall discontinue light ones.



Our rules are made from the best quality of crucible steel, carefully tempered, accurately graduated and ground. They are graduated on our perfected dividing engines and have the high finish and accuracy so well known in the Coffin & Leighton tools. Our Standard Yard or correcting Gauge, used in determining the accuracy of these instruments, was produced from the original Standards of Lord Whitworth. These standards have been subdivided with the greatest care and accuracy, and our rules are as perfect reproductions as expert mechanics assisted by precision machinery can produce. One of the important points about a rule is that it should give a correct measurement from the end to the first inch line. By our improved method of manufacture we can guarantee these measurements to be as near to absolute accuracy as it is possible commercially to make them. We manufacture rules in a number of different types graduated both in English and Metric divisions as shown on the following pages.

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Graduations

No. 4	No. 7	No. 8	No. 16	
8	16	8	32	
16	32	32	64	
32	64	12	50	
64	100	48	100	
No. 10	No. 11	No. 12	No. 13	No. 14
32	64	50	8	8
64	100	100	16	32

Special Graduation

We are prepared to take contracts for special graduation of steel strips, platens, or templets, either soft or tempered stock, and prices for this work will be quoted on receipt of specifications and blue-prints.

Goodell-Pratt Company

"Mass. Tool Co." Brand

Heavy Tempered Rules

(RACE)



LIST

	Length	Approximate Width	Thickness	Price
No. 197	2 inches	$\frac{3}{4}$ inch	$\frac{1}{16}$ inch	\$0.25
No. 198	3 inches	$\frac{3}{4}$ inch	$\frac{1}{16}$ inch	.35
No. 199	4 inches	$\frac{3}{4}$ inch	$\frac{1}{16}$ inch	.45
No. 200	6 inches	1 inch	$\frac{1}{16}$ inch	.65
No. 201	9 inches	$1\frac{1}{4}$ inches	$\frac{1}{16}$ inch	1.00
No. 202	12 inches	$1\frac{1}{4}$ inches	$\frac{1}{16}$ inch	1.25
No. 203	18 inches	$1\frac{1}{4}$ inches	$\frac{1}{16}$ inch	2.00
No. 204	24 inches	$1\frac{1}{4}$ inches	$\frac{1}{16}$ inch	2.50
No. 205	36 inches	$1\frac{1}{2}$ inches	$\frac{1}{16}$ inch	5.00

Graduated full length in No. 4, No. 7, and No. 16 graduation.
Packed one half dozen in a box.

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Light Tempered Rules

(RAFT)



End graduated; 2 to 12 inches.

LIST

	Length	Approximate Width	Thickness	Price
No. 209	1 inch	$\frac{1}{2}$ inch	$\frac{1}{16}$ inch	\$0.15
No. 210	2 inches	$\frac{1}{2}$ inch	$\frac{1}{16}$ inch	.25
No. 211	3 inches	$\frac{5}{8}$ inch	$\frac{1}{16}$ inch	.35
No. 212	4 inches	$\frac{5}{8}$ inch	$\frac{1}{16}$ inch	.45
No. 213	6 inches	$\frac{3}{4}$ inch	$\frac{1}{16}$ inch	.65
No. 214	9 inches	1 inch	$\frac{1}{16}$ inch	1.00
No. 215	12 inches	1 inch	$\frac{1}{16}$ inch	1.25
No. 216	18 inches	1 inch	$\frac{1}{16}$ inch	2.00
No. 217	24 inches	1 inch	$\frac{1}{16}$ inch	2.50
No. 218	36 inches	1 inch	$\frac{1}{16}$ inch	5.00

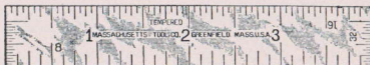
Graduated full length in No. 4, No. 7, and No. 16 graduation.
Packed one half dozen in a box.

Goodell-Pratt Company

"Mass. Tool Co." Brand

Semi-Flexible Rules

(RAM)



End graduated; 2 to 12 inches.

LIST

	Length	Approximate Width	Thickness	Price
No. 249	1 inch	$\frac{1}{8}$ inch	$\frac{1}{32}$ inch	\$0.15
No. 250	2 inches	$\frac{1}{8}$ inch	$\frac{1}{32}$ inch	.25
No. 251	3 inches	$\frac{1}{8}$ inch	$\frac{1}{32}$ inch	.35
No. 252	4 inches	$\frac{1}{8}$ inch	$\frac{1}{32}$ inch	.45
No. 253	6 inches	$\frac{1}{8}$ inch	$\frac{1}{32}$ inch	.65
No. 254	9 inches	$\frac{1}{8}$ inch	$\frac{1}{32}$ inch	1.00
No. 255	12 inches	$\frac{1}{8}$ inch	$\frac{1}{32}$ inch	1.25
No. 256	18 inches	$\frac{1}{4}$ inch	$\frac{1}{32}$ inch	2.00
No. 257	24 inches	$\frac{1}{4}$ inch	$\frac{1}{32}$ inch	2.50
No. 258	36 inches	$\frac{1}{4}$ inch	$\frac{1}{32}$ inch	5.00

Graduated full length in No. 4 and No. 7 graduation.
Packed one half dozen in a box.

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Flexible Rules

(RASP)



Graduated on one side only.

LIST

	Length	Approximate Width	Thickness	Price
No. 260	1 inch	$\frac{1}{8}$ inch	$\frac{1}{16}$ inch	\$0.15
No. 261	2 inches	$\frac{1}{8}$ inch	$\frac{1}{16}$ inch	.25
No. 262	3 inches	$\frac{1}{8}$ inch	$\frac{1}{16}$ inch	.35
No. 263	4 inches	$\frac{1}{8}$ inch	$\frac{1}{16}$ inch	.45
No. 264	6 inches	$\frac{1}{8}$ inch	$\frac{1}{16}$ inch	.65
No. 265	9 inches	$\frac{1}{8}$ inch	$\frac{1}{16}$ inch	1.00
No. 266	12 inches	$\frac{1}{8}$ inch	$\frac{1}{16}$ inch	1.25
No. 267	18 inches	$\frac{1}{8}$ inch	$\frac{1}{16}$ inch	2.00
No. 268	24 inches	$\frac{1}{8}$ inch	$\frac{1}{16}$ inch	2.50
No. 269	36 inches	$\frac{1}{8}$ inch	$\frac{1}{16}$ inch	5.00

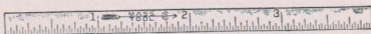
Graduated full length in No. 10, No. 11, and No. 12 graduation.
Packed one half dozen in a box.

Goodell-Pratt Company

"Mass. Tool Co." Brand

Narrow Tempered Rules

(RARE)



Graduated one edge each side.

LIST

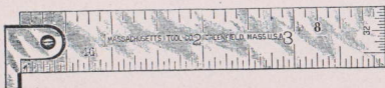
	Length	Approximate Width	Thickness	Price
No. 270	1 inch	$\frac{3}{8}$ inch	$\frac{1}{20}$ inch	\$0.15
No. 271	2 inches	$\frac{3}{8}$ inch	$\frac{1}{20}$ inch	.25
No. 272	3 inches	$\frac{3}{8}$ inch	$\frac{1}{20}$ inch	.35
No. 273	4 inches	$\frac{3}{8}$ inch	$\frac{1}{20}$ inch	.45
No. 274	6 inches	$\frac{3}{8}$ inch	$\frac{1}{20}$ inch	.65
No. 275	9 inches	$\frac{3}{8}$ inch	$\frac{1}{20}$ inch	1.00
No. 276	12 inches	$\frac{3}{8}$ inch	$\frac{1}{20}$ inch	1.25

Graduated full length in No. 10, No. 11, and No. 12 graduation.
Packed one half dozen in a box.

PAGE

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Hook Rules



This addition applied to one of our Tempered Rules will be found most convenient in taking measurements over rounded corners, or through the hubs of wheels or pulleys, or in setting inside calipers and dividers. Hook can be readily detached from rule to which it is fastened by means of an eccentric bolt.

Both hook and bolt are hardened.

Furnished in following sizes:

No. 70.	4-inch, price each	(RAKE)	\$0.80
No. 71.	6-inch, price each	(RAFFLE)	1.00
No. 72.	9-inch, price each	(RAZE)	1.40
No. 73.	12-inch, price each	(READ)	1.75

Graduated No. 4 or No. 7 graduation.

Goodell-Pratt Company

"Mass. Tool Co." Brand

Tempered Steel Straight Edges

(SAFE)



Accurately ground. Edges parallel. Surfaces polished. Not graduated.

	Length	Approximate Width	Price
No. 300	6 inches	1 inch	\$0.60
No. 301	9 inches	1 inch	.90
No. 302	12 inches	1 inch	1.25
No. 303	18 inches	1½ inches	2.00
No. 304	24 inches	1½ inches	2.75
No. 305	36 inches	2 inches	5.00

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Tempered Steel Bevel Straight Edges

(SURE)



Beveled on one edge only. Beveled edge, $\frac{1}{8}$ inch thick. Surfaces polished. Not graduated.

	Length	Approximate Width	Price
No. 320	12 inches	1 inch	\$1.50
No. 321	18 inches	1½ inches	2.50
No. 322	24 inches	1½ inches	3.50
No. 323	36 inches	2 inches	6.00

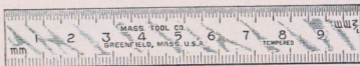
Goodell-Pratt Company

"Mass. Tool Co." Brand

Metric Graduation Rules

Standard Tempered Steel

(RAP)



	Length	Approximate Width	Thickness	Price
No. 222	5 cm.	$\frac{1}{2}$ inch	$\frac{3}{8}$ inch	\$0.25
No. 223	10 cm.	$\frac{3}{8}$ inch	$\frac{3}{8}$ inch	.45
No. 224	15 cm.	$\frac{3}{4}$ inch	$\frac{3}{8}$ inch	.65
No. 225	20 cm.	$\frac{3}{4}$ inch	$\frac{3}{8}$ inch	.85
No. 226	25 cm.	1 inch	$\frac{1}{2}$ inch	1.05
No. 227	30 cm.	1 inch	$\frac{1}{2}$ inch	1.25
No. 228	40 cm.	1 inch	$\frac{1}{2}$ inch	1.65
No. 229	50 cm.	1 inch	$\frac{1}{2}$ inch	2.00
No. 230	60 cm.	$1\frac{1}{4}$ inches	$\frac{1}{2}$ inch	4.00
No. 231	80 cm.	$1\frac{1}{2}$ inches	$\frac{1}{2}$ inch	5.60
No. 232	1 m.	$1\frac{1}{2}$ inches	$\frac{1}{2}$ inch	7.00

Graduated 1 corner $\frac{1}{2}$ mm., 3 corners 1 mm.
Packed one half dozen in a box.

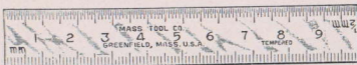
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Metric Graduation Rules

Semi-Flexible Tempered Steel

(RING)



	Length	Approximate Width	Thickness	Price
No. 289	5 cm.	$\frac{1}{2}$ inch	$\frac{3}{8}$ inch	\$0.25
No. 290	10 cm.	$\frac{3}{8}$ inch	$\frac{3}{8}$ inch	.45
No. 291	15 cm.	$\frac{3}{4}$ inch	$\frac{3}{8}$ inch	.65
No. 292	20 cm.	$\frac{3}{4}$ inch	$\frac{3}{8}$ inch	.85
No. 293	25 cm.	$\frac{3}{4}$ inch	$\frac{3}{8}$ inch	1.05
No. 294	30 cm.	$\frac{3}{4}$ inch	$\frac{3}{8}$ inch	1.25
No. 295	40 cm.	$\frac{3}{4}$ inch	$\frac{3}{8}$ inch	1.65
No. 296	50 cm.	$\frac{3}{4}$ inch	$\frac{3}{8}$ inch	2.00
No. 297	60 cm.	$\frac{3}{4}$ inch	$\frac{3}{8}$ inch	4.00
No. 298	80 cm.	$\frac{7}{8}$ inch	$\frac{1}{2}$ inch	5.60
No. 299	1 m.	$\frac{7}{8}$ inch	$\frac{1}{2}$ inch	7.00

Graduated 1 corner $\frac{1}{2}$ mm., 3 corners 1 mm.
Packed one half dozen in a box.

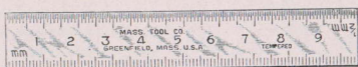
Goodell-Pratt Company

"Mass. Tool Co." Brand

Metric Graduation Rules

Flexible Tempered Steel

(REEF)



	Length	Approximate Width	Thickness	Price
No. 233	5 cm.	$\frac{1}{8}$ inch	$\frac{1}{16}$ inch	\$0.25
No. 234	10 cm.	$\frac{1}{8}$ inch	$\frac{1}{16}$ inch	.45
No. 235	15 cm.	$\frac{1}{8}$ inch	$\frac{1}{16}$ inch	.65
No. 236	20 cm.	$\frac{1}{8}$ inch	$\frac{1}{16}$ inch	.85
No. 237	25 cm.	$\frac{1}{8}$ inch	$\frac{1}{16}$ inch	1.05
No. 238	30 cm.	$\frac{1}{8}$ inch	$\frac{1}{16}$ inch	1.25
No. 239	40 cm.	$\frac{1}{8}$ inch	$\frac{1}{16}$ inch	1.65
No. 240	50 cm.	$\frac{1}{8}$ inch	$\frac{1}{16}$ inch	2.00
No. 241	60 cm.	$\frac{1}{8}$ inch	$\frac{1}{16}$ inch	4.00
No. 242	80 cm.	$\frac{1}{8}$ inch	$\frac{1}{16}$ inch	5.60
No. 243	1 m.	$\frac{1}{8}$ inch	$\frac{1}{16}$ inch	7.00

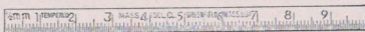
Graduated 1 corner $\frac{1}{2}$ mm., 1 corner 1 mm.
Packed one half dozen in a box.

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Narrow Tempered Steel

(RUG)



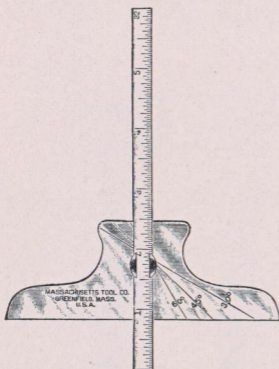
	Length	Approximate Width	Thickness	Price
No. 280	10 cm.	$\frac{3}{16}$ inch	$\frac{1}{16}$ inch	\$0.45
No. 281	15 cm.	$\frac{3}{16}$ inch	$\frac{1}{16}$ inch	.65
No. 282	20 cm.	$\frac{3}{16}$ inch	$\frac{1}{16}$ inch	.85
No. 283	30 cm.	$\frac{3}{16}$ inch	$\frac{1}{16}$ inch	1.25

Graduated 1 edge $\frac{1}{2}$ mm., 1 edge 1 mm.
Packed one half dozen in a box.

Goodell-Pratt Company

"Mass. Tool Co." Brand

Rule Depth Gauge



The Depth Gauge illustrated is made with 4-inch or 6-inch narrow tempered steel rule. Blade can be turned parallel with base so as to occupy but little room in the tool chest, or it can easily be carried in one's pocket. Head is graduated with lines showing 30°, 45°, 60°. It makes a useful T-square. Rule graduated in No. 10 or No. 11 graduation.

No. 79. 4-inch.... (GREAT) \$1.10
No. 80. 6-inch.... (GALE) 1.25

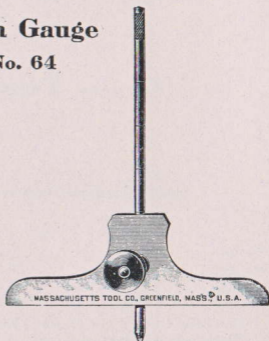
Metric

No. 79M. 10 cm. rule.... \$1.10
No. 80M. 15 cm. rule.... 1.25

Depth Gauge

No. 64

This Gauge is constructed in a most thorough manner. Base line milled and ground. Rod is best quality cast steel with point hardened and is graduated in half inches. Tightened by means of knurled nut and screw. By loosening screw, rod may be turned and clamped parallel to base, a feature of considerable convenience in many instances.



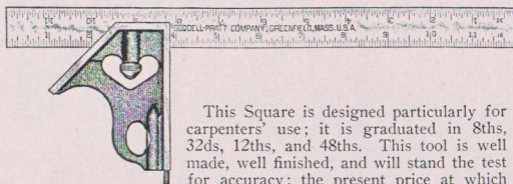
Price, each.....(GOOD) \$0.75

Goodell-Pratt Company

Carpenters' Combination Square

Hard Cast Iron Heads. Steel Blade.

No. 666



This Square is designed particularly for carpenters' use; it is graduated in 8ths, 32ds, 12ths, and 48ths. This tool is well made, well finished, and will stand the test for accuracy; the present price at which they are sold brings them within the reach of every carpenter, and for the carpenter's kit they have become indispensable.

PRICE EACH

9 inch..... (VASE)	\$1.25	18 inch..... (VALE)	\$2.25
12 inch..... (VANE)	1.50	24 inch..... (VARN)	2.75

Packed one in a box.

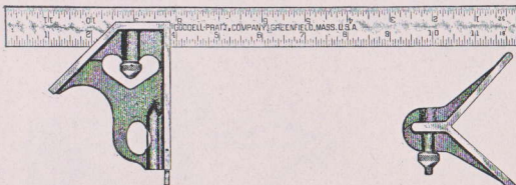
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Combination Square

Hard Cast Iron Heads. Steel Blades.

No. 667



This tool is in every way identical with the one shown above, except that it has the additional equipment of a center head; graduated in 8ths, 16ths, 32ds, and 64ths; we can, however, furnish same graduation as in No. 666, if desired.

PRICE EACH

9 inch..... (WALD)	\$1.75	18 inch..... (WILD)	\$2.75
12 inch..... (WELD)	2.00	24 inch..... (WOLD)	3.25

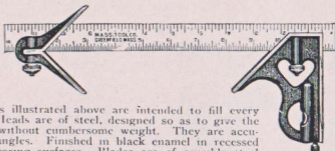
Packed one in a box.

Goodell-Pratt Company

"Mass. Tool Co." Brand

Combination Squares

Steel Heads. Tempered Steel Blades.



The Combination Squares illustrated above are intended to fill every need in this class of tools. Heads are of steel, designed so as to give the most rigid working surfaces without cumbersome weight. They are accurately made and ground on angles. Finished in black enamel in recessed parts and polished on all wearing surfaces. Blades are of crucible steel with a spring temper and are accurately graduated. They are fastened to the head by round cornered bolts, which slide in a round clamping groove in the blade, leaving it stronger than with the old-fashioned square one and much less liable to collect dirt and get out of true.

PRICES

With Center Head			Without Center Head		
		Price			Price
No. 161.	Size 6 inches	(SCRIP) \$2.00	No. 171.	Size 6 inches	(SHED) \$1.50
No. 162.	Size 9 inches	(SEAT) 2.25	No. 172.	Size 9 inches	(SHAKE) 1.75
No. 163.	Size 12 inches	(SELF) 2.50	No. 173.	Size 12 inches	(SHIN) 2.00
No. 164.	Size 18 inches	(SEW) 3.25	No. 174.	Size 18 inches	(SHIELD) 2.75
No. 165.	Size 24 inches	(SEX) 3.75	No. 175.	Size 24 inches	(SHELL) 3.25

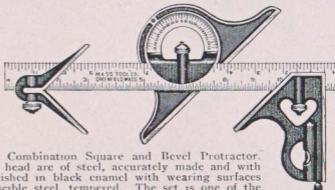
Blades are furnished in the following graduations.

Graduations

No. 4	No. 7	No. 8
8	16	8
16	32	32
32	64	12
64	100	48

Combination Sets

Steel Beam and Center Heads. Hard Gray Iron Protractor. Tempered Blades.



Above we illustrate our Combination Square and Bevel Protractor. The square beam and center head are of steel, accurately made and with ground angles. Both are finished in black enamel with wearing surfaces finely polished. Blade is crucible steel, tempered. The set is one of the most useful combinations ever devised for general mechanical operations.

PRICES

	Price
No. 190. Size 9 inches, set complete.....	(CAROL) \$4.25
No. 191. Size 12 inches, set complete.....	(CASK) 4.50
No. 192. Size 18 inches, set complete.....	(CARVE) 5.25
No. 193. Size 24 inches, set complete.....	(CAP) 5.75

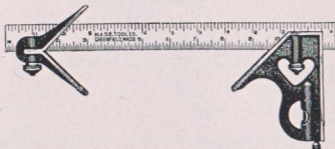
Blades furnished graduated in either No. 4, No. 7, or No. 8 graduation as specified.

Goodell-Pratt Company

"Mass. Tool Co." Brand

Combination Squares

Hard Gray Iron Heads. Tempered Steel Blades.



The new line of Squares illustrated herewith are similar in style and in finish every way to those we have heretofore manufactured *except* that the stock and center head are made from hard gray cast iron. Blades are tempered crucible steel, engine graduated and accurately ground. Every means possible is taken to produce as accurate and finely finished tools as can be made.

PRICES

With Center Head				Without Center Head			
No.	Size		Price	No.	Size		Price
No. 361.	Size 6 inches	(SAD)	\$1.50	No. 371.	Size 6 inches	(SCOFF)	\$1.00
No. 362.	Size 9 inches	(SHAD)	1.75	No. 372.	Size 9 inches	(SAUCK)	1.25
No. 363.	Size 12 inches	(SAW)	2.00	No. 373.	Size 12 inches	(SCOW)	1.50
No. 364.	Size 18 inches	(SAME)	2.75	No. 374.	Size 18 inches	(SCOT)	2.25
No. 365.	Size 24 inches	(SAGE)	3.25	No. 375.	Size 24 inches	(SCULL)	2.75

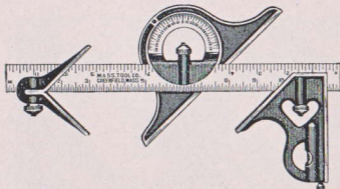
Blades furnished in either No. 4, No. 7, or No. 8 graduation as specified.

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Combination Sets

Hard Gray Iron Heads. Tempered Steel Blades.



We herewith illustrate the above line of Squares in combination with our No. 180 Bevel Protractors, making as satisfactory and useful a set as it is possible to devise. Stocks and center heads finished in ebony enamel. Blades, tempered steel, engine graduated.

PRICES

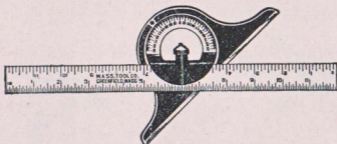
No.	Size		Price
No. 390.	Size 9 inches, set complete	(CAMP)	\$3.75
No. 391.	Size 12 inches, set complete	(CHAFF)	4.00
No. 392.	Size 18 inches, set complete	(CHAT)	4.75
No. 393.	Size 24 inches, set complete	(CHEST)	5.25

Blades furnished in either No. 4, No. 7, or No. 8 graduation as specified.

Goodell-Pratt Company

"Mass. Tool Co." Brand

Bevel Protractors



In the manufacture of these Protractors every attention is paid to have them accurate, complete, and well finished. The blade is held in a revolving turret by a round ended bolt. Turret is accurately fitted and engine graduated to 90° either side of zero, and every care taken to insure its being at right angle to face of head. It carries a level which is accurately set and fastened to the side of the turret. Blade is of crucible tempered steel. Head is about 7 inches long.

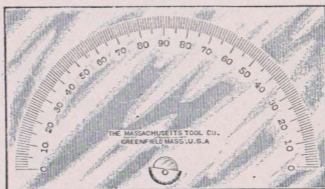
PRICE

		Price
No. 180.	Protractor head only.....	(POLE) \$2.00
No. 181.	9 inch complete.....	(PRONE) 2.75
No. 182.	12 inch complete.....	(POUT) 3.00
No. 183.	18 inch complete.....	(POST) 3.50
No. 184.	24 inch complete.....	(PORT) 4.00

Blades furnished graduated in either No. 4, No. 7, or No. 8 graduation as specified.

Protractor

No. 51



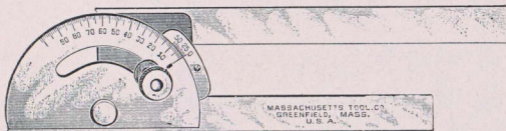
This Protractor, accurately graduated in degrees, is one of the most useful adjuncts to a tool kit, as by its use in connection with our No. 59 Bevel one can lay off any desired angle without the necessity of owning any of the expensive Bevel Protractors. Its shape enables one to set bevel from either edge and gives the benefit of a positive 90° angle or corners, saving bothering with squares or triangles.

Price, each.....(PROVE) \$1.00

Goodell-Pratt Company

"Mass. Tool Co." Brand

Draughtsman's Protractor No. 50



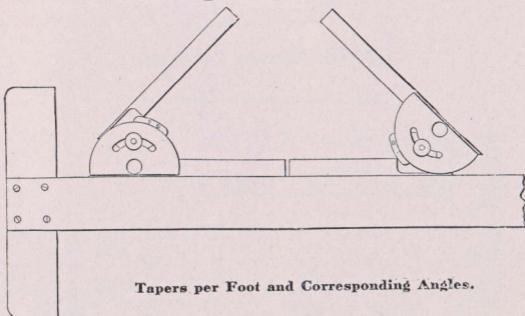
This Protractor has spring tempered steel blades about 9 inches long. The arc is 4 inches in diameter, graduated to degrees, with a vernier reading to five minutes. It has a binding screw on one side that securely holds the blades at any angle and enables it to be picked up and moved about readily. The blades are fastened into the arc in such a manner as to make all parts come flush on the under side, thus making a perfectly flat surface for resting on the table. Either blade can be used in contact with a T-square, giving any angle and its complement from 0 degree to 90 degrees. It forms a perfect adjustable triangle. Finished in dull nickel.

Price, in pasteboard box.....(PERFECT) \$4.00
Price, in polished wood case.....(PRIMA) 5.00

Blades of extra length furnished to order.

Showing Positions on Draughting Board

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Tapers per Foot and Corresponding Angles.

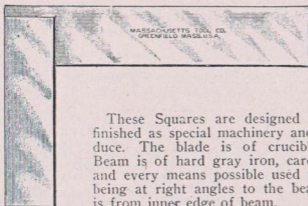
Taper per Foot	Included Angle	Angle with Center Line	Taper per Foot	Included Angle	Angle with Center Line
1- 8"	0°-36'	0°-18'	1 "	4°-45'	2°-23'
1- 4"	1°-12'	0°-36'	1 1/2 "	7°-08'	3°-34'
5-16"	1°-30'	0°-45'	1 3/4 "	8°-20'	4°-10'
3- 8"	1°-47'	0°-53'	2 "	9°-32'	4°-46'
7-16"	2°-05'	1°-02'	2 1/2 "	11°-54'	5°-57'
1- 2"	2°-23'	1°-11'	3 "	14°-16'	7°-08'
3- 4"	3°-35'	1°-47'	3 1/2 "	16°-36'	8°-18'
15-16"	4°-28'	2°-14'	4 "	18°-54'	9°-27'

Goodell-Pratt Company

"Mass. Tool Co." Brand

Solid Beam Square

With Tempered Steel Blade

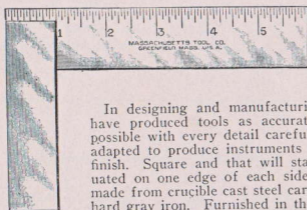


These Squares are designed to be as accurate and well finished as special machinery and skillful operatives can produce. The blade is of crucible steel carefully tempered. Beam is of hard gray iron, carefully machined and ground, and every means possible used to insure the edges of blade being at right angles to the beams. Length of blade given is from inner edge of beam.

	Length of Blade	Length of Beam		Price
No. 86	3 inches	2 inches	(SEE)	\$1.25
No. 87	4 inches	2½ inches	(SEIZE)	1.50
No. 88	6 inches	3½ inches	(SERVE)	2.00
No. 89	9 inches	5 inches	(SET)	3.00
No. 90	12 inches	6 inches	(SENSE)	4.00

Solid Beam Square

With Graduated Tempered Steel Blade



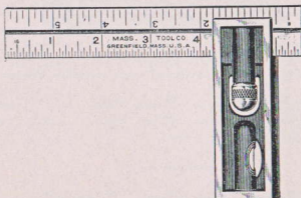
In designing and manufacturing this line of Squares we have produced tools as accurate and as finely finished as possible with every detail carefully considered, and all means adapted to produce instruments that are perfect in type and finish. Square and that will stay so. The blades are graduated on one edge of each side in 32ds and 64ths and are made from crucible cast steel carefully tempered. Beam is of hard gray iron. Furnished in the following sizes:

	Length of Blade	Length of Beam		Price
No. 81	3 inches	2 inches	(SATE)	\$1.50
No. 82	4 inches	2½ inches	(SAND)	2.00
No. 83	6 inches	3½ inches	(SALT)	2.50
No. 84	9 inches	5 inches	(SACK)	3.50
No. 85	12 inches	6 inches	(SASH)	5.00

Goodell-Pratt Company

"Mass. Tool Co." Brand

Sliding Blade Square



Tempered steel blade, gray iron stock with edges polished, and depressed parts finished in black enamel. Larger sizes have a level in the stock, making a great convenience for use in many places.

			Price
No. 150	Size 4 inches	(STILE)	\$1.25
No. 151	Size 6 inches	(STIR)	2.00
No. 152	Size 9 inches	(STEM)	3.00
No. 153	Size 12 inches	(STIFF)	4.00

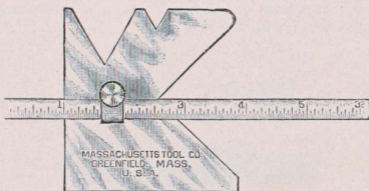
Furnished with No. 4 or No. 7 graduation as specified.

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Steel Center Square

No. 78



In this *all steel* tool we believe we have succeeded in producing the most, in the smallest compass and lightest weight, that has ever been offered to tool maker or machinist. It is a Center Square, T Square, Depth Gauge, or Center Gauge. Frame is steel. Rule, our regular tempered steel. 6 inches in length. Graduated No. 10 or No. 11 graduation.

Price.....(SUPREME) \$2.25

Goodell-Pratt Company

Nickel-Plated Pocket Levels



These Levels are made from hexagon brass tubing, full polished and nickel plated, making a very convenient and attractive Pocket Level. Sizes as specified.

No. 611. Length, $2\frac{1}{2}$ inches. Price, each.....(NORTH) \$0.40

No. 612. Length, $3\frac{1}{2}$ inches. Price, each.....(NATE) .50

Packed one half dozen in a box.

Iron Pocket Levels



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No. 501 Length, $2\frac{1}{2}$ inches, milled base, japan finish.
Price, each.....(NOBLE) \$0.25

No. 502. Length, $3\frac{1}{2}$ inches, milled base, japan finish.
Price, each.....(NOTER) .35

No. 601. Length, $2\frac{1}{2}$ inches, milled base, white-nickel finish.
Price, each.....(NEEN) .30

No. 602. Length, $3\frac{1}{2}$ inches, milled base, white-nickel finish.
Price, each.....(NURSE) .40

Packed one half dozen in a box.

Electric Levels

Used as Attachments for Electric and Other Machines



These Levels are made of brass tubing, ground flat on the base, and can be attached to various kinds of large and small machinery. They are nickel plated and polished, and furnished in two lengths, as noted below.

No. 624. Length, 2 inches. Price, each.....(NIMBLE) \$0.25

No. 625. Length, 3 inches. Price, each.....(NUMBLE) .30

Packed one half dozen in a box.

Goodell-Pratt Company

Iron Bench Levels



- | | | |
|----------|--|--------|
| No. 503. | Length, 4 inches, milled faces and ends, japanned body. Price, each (NAIL) | \$0.65 |
| No. 603. | Length, 4 inches, milled faces and ends, white-nickel finish. Price, each (NOSE) | .75 |



- | | | |
|----------|--|-----|
| No. 504. | Length, 6 inches, milled faces and ends, japanned body. Price, each (NOBBY) | .75 |
| No. 604. | Length, 6 inches, milled faces and ends, white-nickel finish. Price, each (NEAR) | .90 |

Iron Bench Levels

With Double Plumb



- | | | |
|----------|--|--------|
| No. 513. | Length, 6 inches, milled faces, japanned body, double plumb. Price, each (NIPPER) | \$1.25 |
| No. 613. | Length, 6 inches, milled faces, japanned body, nickel-plated edges, double plumb. Price, each (NOZZLE) | 1.50 |



- | | | |
|----------|--|------|
| No. 505. | Length, 6 inches, milled faces and ends, japanned body, double plumb. Price, each (NESTER) | 1.50 |
| No. 605. | Length, 6 inches, milled faces and ends, japanned body, nickel-plated edges. Price, each (NEITHER) | 1.75 |

All the above packed one in a box.

Goodell-Pratt Company

Iron Levels

With Grooved Base and Double Plumb



These Levels will be found very convenient for lining shafting or other similar work. We are offering them in such sizes as are most used. We do not recommend a Level with a grooved base, except for use on shafting or other similar work.

No. 505V.	Length, 6 inches, milled faces and ends, grooved base, double plumb, japanned body.	Price, each.....(NOVE)	\$1.50
No. 605V.	Length, 6 inches, milled faces and ends, grooved base, double plumb, japanned body, nickeled edges.	Price, each.....(NOVICE)	1.75
No. 506V.	Length, 9 inches, ground faces and ends, grooved base, double plumb, japanned body.	Price, each.....(NICE)	1.65
No. 606V.	Length, 9 inches, ground faces and ends, grooved base, double plumb, japanned body, nickeled edges.	Price, each.....(NICER)	1.90
No. 507V.	Length, 12 inches, ground faces and ends, grooved base, double plumb, japanned body.	Price, each.....(NICEST)	1.75
No. 607V.	Length, 12 inches, ground faces and ends, grooved base, double plumb, japanned body, nickeled edges.	Price, each.....(NALT)	2.00
No. 509V.	Length, 18 inches, ground faces and ends, grooved base, double plumb, japanned body.	Price, each.....(NEGUS)	2.00
No. 609V.	Length, 18 inches, ground faces and ends, grooved base, double plumb, japanned body, nickeled edges.	Price, each.....(NETHER)	2.25
No. 510V.	Length, 24 inches, ground faces and ends, grooved base, double plumb, japanned body.	Price, each.....(NECTAR)	2.25
No. 610V.	Length, 24 inches, ground faces and ends, grooved base, double plumb, japanned body, nickeled edges.	Price, each.....(NASAL)	2.50

Packed one in a box.

Goodell-Pratt Company

Iron Levels

With Double Plumb



- No. 506. Length, 9 inches, milled face and ends, japanned body,
double plumb.
Price, each.....(NITRE) \$1.65
- No. 606. Length, 9 inches, milled face and ends, japanned body,
nickel-plated edges, double plumb.
Price, each.....(NIGHT) 1.90



- No. 507. Length, 12 inches, ground face and ends, japanned body,
double plumb.
Price, each.....(NURDE) 1.75
- No. 607. Length, 12 inches, ground face and ends japanned body,
nickel-plated edges, double plumb.
Price, each.....(NADE) 2.00



- No. 509. Length, 18 inches, ground face and ends, japanned body,
double plumb.
Price, each.....(NEED) 2.00
- No. 609. Length, 18 inches, ground faces and ends, japanned body,
nickel-plated edges, double plumb.
Price, each.....(NEST) 2.25
- No. 510. Length, 24 inches, ground faces and ends, japanned body,
double plumb.
Price, each.....(NATAL) 2.25
- No. 610. Length, 24 inches, ground faces and ends, japanned body,
nickel-plated edges, double plumb.
Price, each.....(NARTO) 2.50

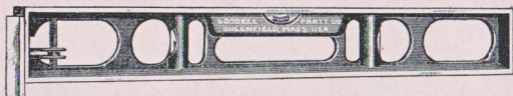
All the above packed one in a box.

Goodell-Pratt Company

Engineers' Iron Level

Patented October 27, 1896

With Double Plumb



The device shown in the cut will give accurately the rise and fall of piping or shafting of any description. It is fitted with a double plumb, and the slant of uprights can also be taken. It is graduated by sixteenths up to $\frac{1}{4}$ inch, giving all the variation usually required on work of this character.

The faces and sides of the Level are accurately ground, and the device for measuring the slant can be placed in such a position that the working of the Level for ordinary purposes is in no way interfered with.

No. 526. Length, 12 inches, japan finish.

Price, each(NOOSE) \$2.25

No. 626. Length, 12 inches, japan body, nickel-plated face and edges.

Price, each(NADLE) 2.50

No. 528. Length, 24 inches, japan finish.

Price, each(NUDER) 3.00

No. 628. Length, 24 inches, japan finish, nickel-plated face and edges.

Price, each(NUCKLE) 3.50

Packed one in a box.

Goodell-Pratt Company

Adjustable Bench Levels

With Plain Vials

All the Levels shown on this page are so constructed that they admit of close and accurate adjustment, and, when so adjusted, are not liable to get out of true, as the vials are set in tubes having solid ends which are firmly clamped to base. The tubes are nickel plated, the bases are finished as noted below.



	Price, Each
No. 514. Length, 4 inches, ground base, japanned..... (NAPTHA)	\$1.00
No. 614. Length, 4 inches, ground base, nickeled..... (NAPKIN)	1.25



	Price, Each
No. 515. Length, 6 inches, ground base, japanned..... (NATION)	\$1.25
No. 615. Length, 6 inches, ground base, nickeled..... (NATIVE)	1.50
No. 516. Length, 8 inches, ground base, japanned..... (NAITY)	1.50
No. 616. Length, 8 inches, ground base, nickeled..... (NAVAL)	1.75

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239

Adjustable Bench Levels

With Plain Vials and Handles



The Handles upon these Levels will be found better and more convenient protectors than the slide covers sometimes used.

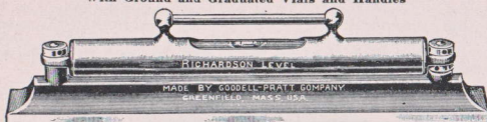
	Price, Each
No. 715. Length, 6 inches, ground base, japanned..... (NEAT)	\$1.75
No. 815. Length, 6 inches, ground base, nickeled..... (NECK)	2.00
No. 716. Length, 8 inches, ground base, japanned..... (NEEDLE)	2.00
No. 816. Length, 8 inches, ground base, nickeled..... (NEXT)	2.25
No. 717. Length, 12 inches, ground base, japanned..... (NEUTER)	2.50
No. 817. Length, 12 inches, ground base, nickeled..... (NICKLE)	2.75
No. 718. Length, 18 inches, ground base, japanned..... (NOBLY)	3.00
No. 818. Length, 18 inches, ground base, nickeled..... (NOISE)	3.25

All the above packed one in a box.

Goodell-Pratt Company

Adjustable Bench Levels

With Ground and Graduated Vials and Handles



The line of Levels shown and described on this page will meet the requirements of the most particular trade. The glasses used in them are carefully ground and accurately graduated; they can be adjusted when necessary. The handle not only adds to the attractiveness of the tool, but acts as a protector as well; on all the larger sizes the supports for the handle are fastened directly to the base, so that the tube containing the vial is not disturbed in handling; where accurate work is desired, this feature is particularly valuable, as it enables the operator to handle the Level without the danger of affecting its accuracy by the heat of his hand.

No. 719.	Length, 4 inches, ground base, ground and graduated vial, handle and tube nickeled, base japanned.	
	Price, each	(NOON) \$2.50
No. 819.	Length, 4 inches, ground base, ground and graduated vial, handle, tube, and base nickel plated.	
	Price, each	(NOOK) 2.75
No. 720.	Length, 6 inches, ground base, ground and graduated vial, handle and tube nickeled, base japanned.	
	Price, each	(NORSE) 3.50
No. 820.	Length, 6 inches, ground base, ground and graduated vial, handle, tube, and base nickel plated.	
	Price, each	(NOTARY) 3.75
No. 721.	Length, 8 inches, ground base, ground and graduated vial, handle and tube nickeled, base japanned.	
	Price, each	(NOTCH) 4.00
No. 821.	Length, 8 inches, ground base, ground and graduated vial, handle, tube, and base nickel plated.	
	Price, each	(NUMB) 4.25
No. 722.	Length, 12 inches, ground base, ground and graduated vial, handle and tube nickeled, base japanned.	
	Price, each	(NOTICE) 5.00
No. 822.	Length, 12 inches, ground base, ground and graduated vial, handle, tube, and base nickel plated.	
	Price, each	(NUDGE) 5.25
No. 723.	Length, 18 inches, ground base, ground and graduated vial, handle and tube nickeled, base japanned.	
	Price, each	(NOVEL) 7.50
No. 823.	Length, 18 inches, ground base, ground and graduated vial, handle, tube, and base nickel plated.	
	Price, each	(NOUN) 7.75

(All above packed one in a box.)

Goodell-Pratt Company

"Mass. Tool Co." Brand

Precision Center Punches

No. 140

BODY SIZES



PAGE

241

$\frac{1}{32}$, $\frac{1}{16}$, $\frac{7}{32}$, $\frac{1}{8}$, $\frac{3}{16}$, $\frac{1}{4}$, $\frac{5}{16}$, $\frac{3}{8}$, $\frac{1}{2}$ inch diameter, 4 inches long.

These Punches were designed to fill a demand for a class of tools not heretofore manufactured. Varying by $\frac{1}{32}$ inch diameter, they give a wide range in capacity of work, and being of standard body size will *center* the bottom of holes for drilling, a process that has been before largely a question of experiment. In transferring from one piece of work to another, this tool does away with the use of scribe in locating center of hole. They are made of a fine grade of cast steel, and, in addition to their special adaptation, will do the work of an ordinary punch.

Put up in sets of 9 sizes in a box.

Price, per set.....	(PURE)	\$2.00
Price, each.....	(PRY)	.25

Goodell-Pratt Company

"Mass. Tool Co." Brand

Adjustable Notch Center Gauge 60°

No. 44

(Tempered)



These Center Gauges are made of tempered crucible steel, and all angles are accurately ground. The notch, being made of separate pieces, insures a perfect angle to the extreme point. By tightening thumbscrew the sliding blade is held firmly in any position desired. It is the only center gauge that will fit any size inside threading tool. The sliding blade, together with the size of the tool, makes it very useful in many other ways. Graduated one corner each in 32ds, 24ths, 20ths, and 14ths.

Price, each (CALK) \$0.50

Packed one half dozen in a box.

Adjustable Notch Center Gauge 55°

No. 45

(Tempered)

English Standard Whitworth

Graduated same as No. 44.

Price, each (CARD) \$0.50

Packed one half dozen in a box.



Adjustable Notch Center Gauge 60°

No. 46

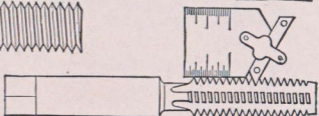
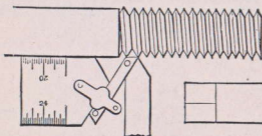
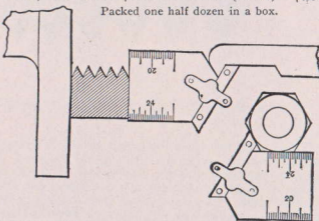
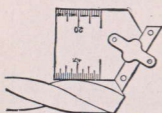
(Tempered)

Metric

Graduated one corner $\frac{1}{2}$ mm., 3 corners mm.

Price, each (CARAT) \$0.50

Packed one half dozen in a box.



Goodell-Pratt Company

"Mass. Tool Co." Brand

Improved Center Gauge 60°

No. 40



(Tempered)

Graduated one corner each in 32ds, 24ths, 20ths, and 14ths.
Thickness $\frac{3}{8}$ inch.

Price, each (CAB) \$0.35

Packed one half dozen in a box.

Whitworth Center Gauge 55°

No. 41



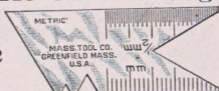
(Tempered)

Price, each (CAR) \$0.35

Packed one half dozen in a box.

Metric Center Gauge 60°

No. 42



(Tempered)

Graduated 1 corner $\frac{1}{2}$ mm., 3 corners mm.
Price, each (CAKE) \$0.35

Packed one half dozen in a box.

Single Point Scriber

No. 58

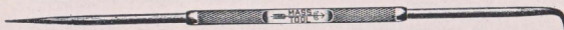


Price, each (SCAN) \$0.20

Packed one fourth dozen in a box.

Double Point Scriber

No. 61



Has long knurled center, making a most satisfactory handle. Points are made of best quality cast steel rightly tempered, and are firmly fixed in handle but can be removed from center and replaced if there should ever be occasion.

Price, each (SCRATCH) \$0.25

Packed one fourth dozen in a box.

Goodell-Pratt Company

"Mass. Tool Co." Brand

Screw Pitch Gauge

No. 135



This Gauge has 22 pitches, viz.:
9, 10, 11, 11½, 12, 13, 14, 15, 16, 18, 20, 22, 24, 26, 27, 28, 30, 32, 34,
36, 38, 40. V-thread.

Price, each.....(GAGE) \$1.00

Screw Pitch Gauge

No. 437

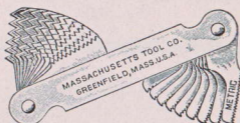
Similar in design to the No. 135 shown above. It has 24 pitches, from
4 to 30, viz.:

4, 4½, 5, 5½, 6, 7, 8, 9, 10, 11, 11½, 12, 13, 14, 15, 16, 18, 20, 22,
24, 26, 27, 28, 30. V-thread.

Price, each.....(GASP) \$1.25

Metric Screw Pitch Gauge

No. 136



Similar in design to our No. 135. This Gauge has 20 pitches, based on
distance center to center of the teeth given in millimeters and fractional
parts of same, viz.:

.50, .60, .70, .75, .80, .90, 1.00, 1.10, 1.20, 1.25, 1.30, 1.40, 1.50, 1.60, 1.70,
1.75, 1.80, 1.90, 2.00, 2.50 mm.

Price, each.....(GAIT) \$1.00

Goodell-Pratt Company

"Mass. Tool Co." Brand

Whitworth Screw Pitch Gauge

No. 137



This Gauge is made with somewhat enlarged sides and blades over our No. 135 and contains 26 pitches, made on Whitworth angles 55°

PITCHES

4, 4½, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 16, 18, 19, 20, 22, 24, 25, 26, 28, 30, 32, 40, 48, 60

Price, each (GEAR) \$1.25

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Whitworth Screw Pitch Gauge

No. 138



This Gauge is made with same size sides and blades as our No. 135, and contains 22 pitches, made on Whitworth angle 55°

PITCHES

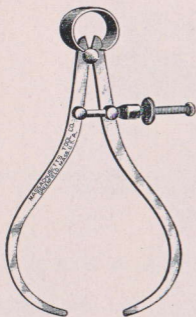
7, 8, 9, 10, 11, 12, 13, 14, 16, 18, 19, 20, 22, 24, 25, 26, 28, 30, 32, 40, 48, 60

Price, each (GAP) \$1.00

Goodell-Pratt Company

"Mass. Tool Co." Brand

Outside Spring Calipers.



Our line of Spring Calipers and Dividers, illustrated in the following pages, consists of those types and sizes most used by best mechanics. Their quality, design, and workmanship meet the most exacting demands, every pains possible being taken in the processes of manufacture to insure their being right in every way. The spring is stiff and properly tempered for the best service. Legs are of the best quality steel, nicely finished. The quick nut is of a type designed to give the longest service with the least trouble while in use, and slides freely on screw when tension of spring is removed without the bother of pulling it over the screw threads as in other types. All parts liable to wear are hardened.

PRICES

With Solid Nut			With Quick Nut		
No.	Size, inches	Price	No.	Size, inches	Price
500	2½	\$0.65	600	2½	\$0.80
501	3	.70	601	3	.85
502	4	.75	602	4	.90
503	5	.80	603	5	.95
504	6	.85	604	6	1.00
505	8	1.00	605	8	1.15
550	10	1.35	650	10	1.50

Packed one fourth dozen in a box.

Inside Spring Caliper

PRICES

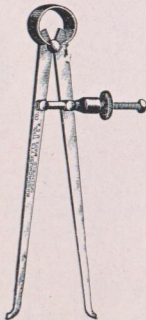
With Solid Nut

No.	Size	Price
No. 506.	Size 2½ inches.....	\$0.65
No. 507.	Size 3 inches.....	.70
No. 508.	Size 4 inches.....	.75
No. 509.	Size 5 inches.....	.80
No. 510.	Size 6 inches.....	.85
No. 511.	Size 8 inches.....	1.00
No. 560.	Size 10 inches.....	1.35

With Quick Nut

No.	Size	Price
No. 606.	Size 2½ inches.....	\$0.80
No. 607.	Size 3 inches.....	.85
No. 608.	Size 4 inches.....	.90
No. 609.	Size 5 inches.....	.95
No. 610.	Size 6 inches.....	1.00
No. 611.	Size 8 inches.....	1.15
No. 660.	Size 10 inches.....	1.50

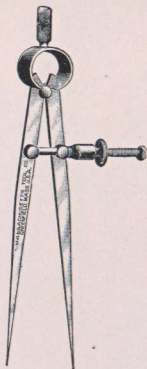
Packed one fourth dozen in a box.



Goodell-Pratt Company

"Mass. Tool Co." Brand

Spring Dividers



PRICES

With Solid Nut

			Price
No. 512.	Size	2½ inches.....	\$0.65
No. 513.	Size	3 inches.....	.70
No. 514.	Size	4 inches.....	.75
No. 515.	Size	5 inches.....	.80
No. 516.	Size	6 inches.....	.85
No. 517.	Size	8 inches.....	1.00
No. 570.	Size	10 inches.....	1.35

With Quick Nut

			Price
No. 612.	Size	2½ inches.....	\$0.80
No. 613.	Size	3 inches.....	.85
No. 614.	Size	4 inches.....	.90
No. 615.	Size	5 inches.....	.95
No. 616.	Size	6 inches.....	1.00
No. 617.	Size	8 inches.....	1.15
No. 670.	Size	10 inches.....	1.50

Packed one fourth dozen in a box.

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Hermaphrodite Spring Calipers

PRICES

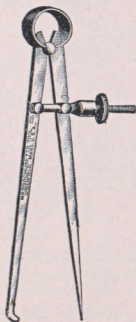
With Solid Nut

		Price
No. 540.	Size 3 inches.....	\$0.70
No. 541.	Size 4 inches.....	.75
No. 542.	Size 5 inches.....	.80
No. 543.	Size 6 inches.....	.85

With Quick Nut

		Price
No. 640.	Size 3 inches.....	\$0.85
No. 641.	Size 4 inches.....	.90
No. 642.	Size 5 inches.....	.95
No. 643.	Size 6 inches.....	1.00

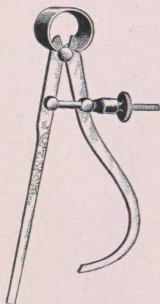
Packed one fourth dozen in a box.



Goodell-Pratt Company

"Mass. Tool Co." Brand

Keyhole Spring Calipers



PRICES

With Solid Nut

		Prices
No. 525.	Size 3 inches.....	\$0.70
No. 526.	Size 4 inches.....	.75

With Quick Nut

		Prices
No. 625.	Size 3 inches.....	\$0.85
No. 626.	Size 4 inches.....	.90

Packed one fourth dozen in a box.

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Thread Spring Calipers

PRICES

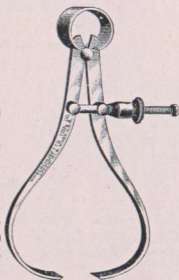
With Solid Nut

		Prices
No. 519.	Size 3 inches.....	\$0.70
No. 520.	Size 4 inches.....	.75
No. 521.	Size 5 inches.....	.80

With Quick Nut

		Prices
No. 619.	Size 3 inches.....	\$0.85
No. 620.	Size 4 inches.....	.90
No. 621.	Size 5 inches.....	.95

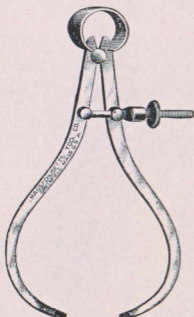
Packed one fourth dozen in a box.



Goodell-Pratt Company

"Mass. Tool Co." Brand

Outside Thread Spring Calipers



Ends flattened for calipering the diameter at the bottom of the thread of bolts, screws, etc

PRICES

With Solid Nut

		Prices
No. 530	Size 3 inches	\$0.70
No. 531	Size 4 inches	.75
No. 532	Size 5 inches	.80
No. 533	Size 6 inches	.85

With Quick Nut

		Prices
No. 630	Size 3 inches	\$0.85
No. 631	Size 4 inches	.90
No. 632	Size 5 inches	.95
No. 633	Size 6 inches	1.00

Packed one fourth dozen in a box.

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Inside Thread Spring Calipers

Points of these Calipers are shaped right for measuring diameters at bottom of threads.

PRICES

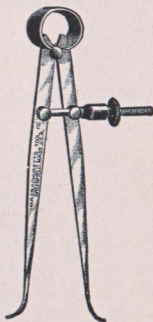
With Solid Nut

		Prices
No. 535	Size 3 inches	\$0.70
No. 536	Size 4 inches	.75
No. 537	Size 5 inches	.80
No. 538	Size 6 inches	.85

With Quick Nut

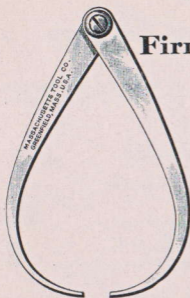
		Prices
No. 635	Size 3 inches	\$0.85
No. 636	Size 4 inches	.90
No. 637	Size 5 inches	.95
No. 638	Size 6 inches	1.00

Packed one fourth dozen in a box.



Goodell-Pratt Company

"Mass. Tool Co." Brand



Firm Joint Outside Calipers

These Calipers are made of a hard finished crucible steel and are stiff and solid. The firm joint is designed so as to give any desired degree of friction, maintaining a smooth, even tension as desired. Friction adjusting screw has hexagon head, for wrench on *all* sizes. The sizes refer to the length of the different legs. Their capacity to measure is much greater than their ratings. Especial attention is called to the fine proportion of the different sizes.

			Price, Each
No. 400.	Size 3 inches	outside	\$0.40
No. 401.	Size 4 inches	outside	.50
No. 402.	Size 5 inches	outside	.55
No. 403.	Size 6 inches	outside	.65
No. 404.	Size 8 inches	outside	.80
No. 405.	Size 10 inches	outside	.90
No. 406.	Size 12 inches	outside	1.00
No. 407.	Size 14 inches	outside	1.50
No. 408.	Size 16 inches	outside	1.75
No. 409.	Size 18 inches	outside	2.10
No. 410.	Size 20 inches	outside	2.50
No. 411.	Size 24 inches	outside	3.00

Packed one fourth dozen in a box.

Firm Joint Inside Calipers

			Price, Each
No. 420.	Size 3 inches	inside	\$0.40
No. 421.	Size 4 inches	inside	.50
No. 422.	Size 5 inches	inside	.55
No. 423.	Size 6 inches	inside	.65
No. 424.	Size 8 inches	inside	.80
No. 425.	Size 10 inches	inside	.90
No. 426.	Size 12 inches	inside	1.00
No. 427.	Size 14 inches	inside	1.50
No. 428.	Size 16 inches	inside	1.75
No. 429.	Size 18 inches	inside	2.10
No. 430.	Size 20 inches	inside	2.50
No. 431.	Size 24 inches	inside	3.00

Packed one fourth dozen in a box.



Goodell-Pratt Company

"Mass. Tool Co." Brand

Firm Joint Hermaphrodite Caliper

With Adjustable Point



The adjustable point on these Calipers is made of the best crucible steel properly tempered, and is firmly fastened to the leg by bolt with knurled-headed nut.

	Price
No. 442. Size 5 inches.....	\$0.70
No. 443. Size 6 inches.....	.80
No. 444. Size 8 inches.....	1.00
No. 445. Size 10 inches.....	1.20

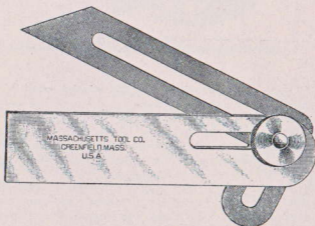
Packed one fourth dozen in a box.

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Improved Universal Bevel

No. 59



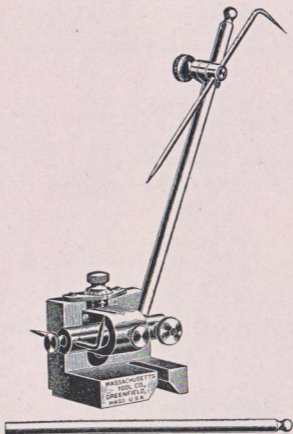
This cut shows our Improved Universal Bevel, 3 inches long, with offset blade that allows the measuring of all angles. The opposite side is perfectly flat, and one edge of base is solid, making it convenient to use in taking angles or working thin templets. It is a well finished and reliable tool. Price, each..... (BARB) \$1.50

Goodell-Pratt Company

"Mass. Tool Co." Brand

Universal Surface Gauge with Micrometer Adjustment

No. 55



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Designed especially to meet the demands of the most critical mechanics, its range of capabilities is almost limitless. It is at once within itself a Surface Gauge, Depth Gauge, Marking Gauge, Trammel Points—Set or Height Gauge. At whatever angle the standard is set, the adjustment of the scriber is always *vertical* when used as a Surface Gauge, or *horizontal* when used as a Marking Gauge. Adjustment is by means of a slide (with compensating take-up for any wear) fed by a screw graduated to read to .001 inch. This screw is parallel with one base face and at 90 degrees with the other, making a Micrometer Surface, Depth, or Height Gauge. By removing the standard and spindle from the base, and using the two scribers with them, a most convenient set of Trammel Points is arranged. For low work remove the standard from base and use scriber in slide spindle. Has V-slot in one base for cylindrical work. Extra length standards (jointed for folding) can be furnished at small cost, so that circles of almost any diameter may be described to a nicety by means of the Micrometer Adjustment. Furnished as shown above, with two standards, 5 inches and 10 inches long, and two scribers.

Price (GERM) \$5.00

Goodell-Pratt Company

"Mass. Tool Co." Brand



Surface Gauge

No. 56

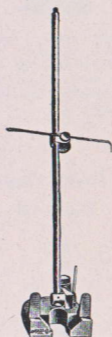
A Gauge accurate and simple in construction, and for a moderate price. Base face is milled and finished as are the angles formed by the two lugs in front. Base is finished in enamel. Standard is highly polished steel, and scriber best drill rod. Fine adjustment by means of the milled nut and base screw. Can be used as a Depth Gauge, and for many cases makes a useful Scratch Gauge. Spindle is 8 inches long.

Price, each(GIST) \$1.25

Shipping weight, one pound.

Surface Gauge

No. 57



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The Surface Gauge illustrated herewith is, in point of practical use and range of work that can be done with it, the most comprehensive one of its type ever offered to our mechanics for large or heavy duty. It has a large and solid base, 4 x 5 inches. Spindle has a movement of 180 degrees. Fine adjustment for setting, after tightening slide on spindle, by turning the knurled-headed nut on screw moving through long lever. It can be used as a Depth Gauge, or, by removing spindle and inserting scriber in the clamping stud, a Scratch Gauge. The angle milled on top of base is of great convenience in using against edge of a surface plate or planer bed. Base is finished in enamel, furnished with three 12-inch jointed standards so as to screw together for large work.

Price, each(GRUB) \$8.00

Weight, 6½ pounds.

Goodell-Pratt Company

"Mass. Tool Co." Brand

Surface Gauge

No. 115



This is one of the most efficient types of Surface Gauges ever made. The base is solid and stands square on the work. Spindle has a fine adjustment by means of screw with knurled-headed nut and after setting can be locked firmly by the tightening screw shown in cut. Base is iron finished in black enamel with wearing surfaces polished. Scriber made of tool steel carefully tempered. Gauge is 9 inches high.

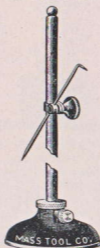
Price, each (GARB) \$2.50

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Surface Gauge

No. 116



Like one shown above except that it is larger, having a heavier base, and is 12 inches high.

Price, each (GIVE) \$3.50

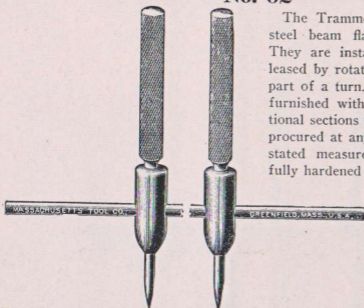
Goodell-Pratt Company

"Mass. Tool Co." Brand

Extension Beam Trammels

No. 62

The Trammels move freely on a steel beam flattened on one side. They are instantly fastened or released by rotating the milled handle, part of a turn. The set is regularly furnished with one beam, but additional sections with couplings may be procured at any time to describe any stated measurements. Points carefully hardened and tempered.



Price	(TRUC)	\$1.25
Price, each extra beam section, 13 inch	(TERN)	.25
Price, each coupling	(TAKE)	.25

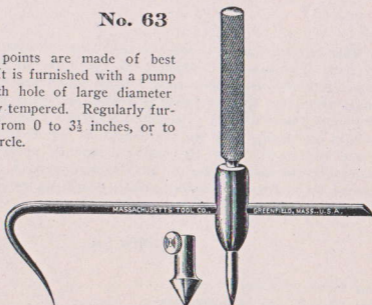
PAGE

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Parallel Dividers

No. 63

The beam and points are made of best quality drill rod. It is furnished with a pump center for use with hole of large diameter. Points are carefully tempered. Regularly furnished to extend from 0 to 3½ inches, or to describe a 7-inch circle.



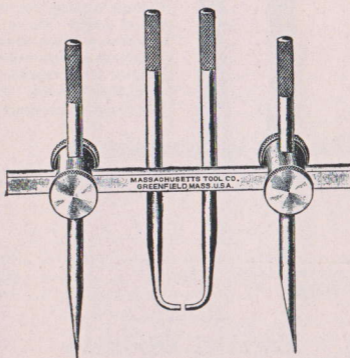
Price, each	(DASH)	\$1.25
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Goodell-Pratt Company

"Mass. Tool Co." Brand

Precision Extension Steel Beam Trammels

No. 134



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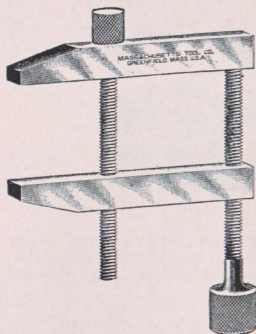
This tool consists of a polished steel beam 16 inches long flattened on one side. Two movable clamping heads and a pair of dividers made of the best quality cast steel with hardened points which pass through the clamping heads, where they are held lightly by friction springs or locked fast by a turn of a knurled-headed screw. The clamping heads are free to move on the beam without interfering with the adjustment of the divider points or can be locked fast on the beam by turning a separate knurled-headed screw (a feature, by the way, peculiar to our Trammels alone). Fine adjustment is secured by rotating the divider points, which are made slightly eccentric. They are carefully hardened and tempered.

PRICES

One section with divider points.....	(TEXT)	\$2.25
Extra beams, each 16 inches long.....	(TEAR)	.25
Caliper points, per pair	(TEMPT)	.50
Couplings, each, to join 2 bars.....	(TALE)	.25

Goodell-Pratt Company

"Mass. Tool Co." Brand



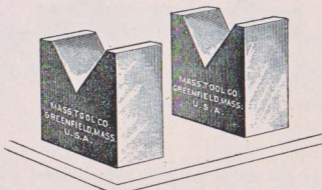
Precision Parallel Steel Clamp

These Clamps are made for accurate work. They are constructed of steel, case hardened, and nicely finished. Larger sizes have pivot bearings eliminating all frictional strain in use, also screw heads of equal diameter, drilled for tightening bars. Furnished in six sizes.

		Price, Each
No. 91.	Length 1 inch, opening $\frac{5}{8}$ inch.....	(CALL) \$0.45
No. 92.	Length 1 $\frac{1}{2}$ inches, opening 1 inch.....	(CANE) .50
No. 93.	Length 2 inches, opening 1 $\frac{1}{2}$ inches.....	(CAPITAL) .65
No. 94.	Length 2 $\frac{1}{2}$ inches, opening 1 $\frac{3}{4}$ inches.....	(CAPRICE) .75
No. 95.	Length 3 inches, opening 2 inches.....	(CAPSULE) .85
No. 96.	Length 4 inches, opening 2 $\frac{1}{2}$ inches.....	(CAPTION) 1.00

Packed one pair (or 2 clamps like cut) in a box.

Precision V-Blocks or Bench Parallels



These Blocks are most useful for machinists and tool makers and are almost a necessity in doing a large class of fine work. They are accurately made of steel and case hardened. Ground in the angle and on base and one end.

		Price, per Pair
No. 100.	Height 1 $\frac{1}{4}$ inches, width 1 $\frac{1}{2}$ inches.....	(BEAT) \$1.25
No. 101.	Height 2 inches, width 2 $\frac{1}{2}$ inches.....	(BELLE) 2.50

Packed one pair in a box.

PAGE

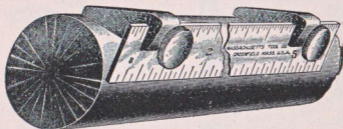
257

Goodell-Pratt Company

"Mass. Tool Co." Brand

Keyseating Rule Blocks

No. 77



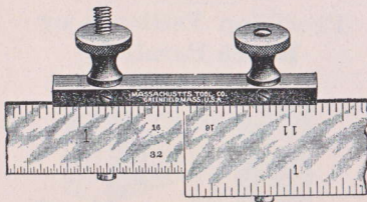
These Blocks enable one to convert any regular thickness rule or straight edge into a keyseat or parallel rule, making it unnecessary to cumber the kit with an extra appliance to scribe parallel lines on round stock. They are light, accurate, well finished, hardened.

Price, per pair..... (BOSS) \$0.60

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Steel Rule Clamps

No. 76



These Clamps are one of the most convenient and useful additions to a machinist's outfit. They will clamp and hold firmly, end to end, two rules of the same or different widths, enabling one to make two rules of short into one of double length; saving both the expense and bother of the long rules. They are made of steel and nicely finished and case hardened.

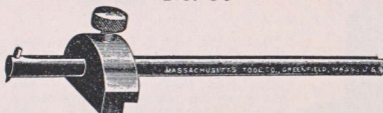
Price, to take rules $\frac{3}{8}$ to $1\frac{1}{4}$ inches wide..... (CRAMP) \$0.50

Goodell-Pratt Company

"Mass. Tool Co." Brand

Tool Makers' Precision Scratch Gauge

No. 60



Marker has very best quality tool steel, beveled scratch *point*. The only shape that will satisfactorily do the finest class of precision work, and that can be kept a *point*. Sliding head can be used either side towards the point, and by means of the angle milled in its edge, can always be kept on a line level with the marker.

Price, each.....(GRAB) \$0.50

Tool Wrench

No. 66



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This Tool Wrench, made of steel, is constructed so as to *hold* about anything that can be put into it in the line of taps, reamers, drills, etc. Takes in round, square, or oval. Tool is about 3 inches long, and takes up to $\frac{3}{2}$ inch. Screw hardened cast steel. Body case hardened.

Price, each.....(WAGE) \$0.50

Drill and Reamer Holder

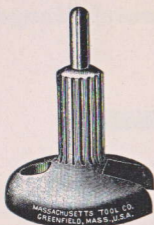


This little tool is exactly what one is "always looking for" to hold small stock or tools in the lathe or drill press. It is made in three sizes. Screw hardened cast steel. Body case hardened.

		Price
No. 67.	Diam. handle $\frac{1}{2}$ inch, length $3\frac{1}{2}$ inches, holds $\frac{3}{8}$ inch..... (HALE)	\$0.25
No. 68.	Diam. handle $\frac{3}{8}$ inch, length $4\frac{1}{2}$ inches, holds $\frac{3}{8}$ inch..... (HALF)	.35
No. 69.	Diam. handle $\frac{1}{2}$ inch, length $5\frac{1}{2}$ inches, holds $\frac{1}{2}$ inch..... (HALT)	.50

Goodell-Pratt Company

"Mass. Tool Co." Brand



Toolmakers' Punch

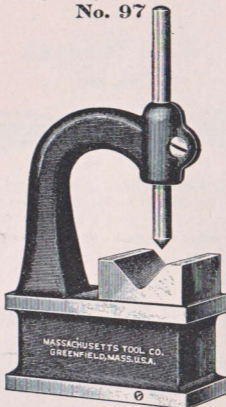
No. 65

This little tool is one of great convenience in laying out precision center work, for fine drilling. It has a slot and a hole milled and drilled so that an exact center can be verified, and at the same time the punch kept directly perpendicular to the space to be drilled; an absolute necessity in the finest class of work. Tool is well finished and one that will be most useful. Punch made from best quality cast steel properly tempered. Base hard gray iron.

Price, each (PET) \$0.50

Double Centering Punch

No. 97



This tool was designed to facilitate the marking of holes in opposite sides of round or square work for precision drilling from two sides. The V-slide is removable. Bottom punch, held up by spring into hole first made by top punch, makes the two holes come exactly opposite each other. The use of this device insures accuracy and rapidity on a class of work heretofore requiring much bother and delay in accomplishing.

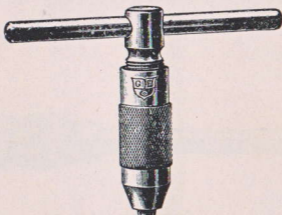
Price, each (PLURAL) \$2.50

Shipping weight, 1½ pounds.

Goodell-Pratt Company

Tool or Tap Holder

No. 88



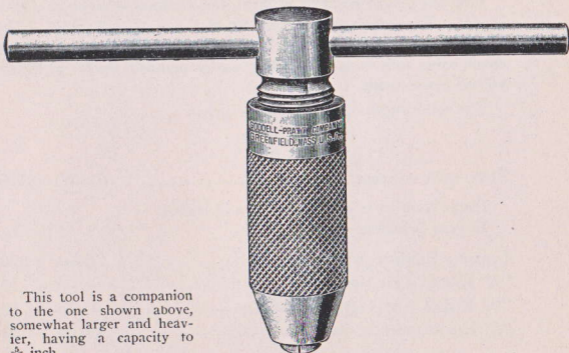
This tool will be found very convenient for holding small Drills or Taps where occasion requires the use of any like or similar Holder. The Jaws are hardened and tempered to a spring temper. The Nut is extra long and knurled, as shown in the cut. Capacity to $\frac{3}{8}$ inch.

Price, per dozen.....(TRAM) \$6.00

Packed one in a box, 4 x 3 x $\frac{3}{4}$ inches. Weight, 4 ounces.

Tool or Tap Holder

No. 89



This tool is a companion to the one shown above, somewhat larger and heavier, having a capacity to $\frac{1}{2}$ inch.

Price, per dozen.....(THRILL) \$9.00

Packed one in a box, 5 x 3 x 1 inches. Weight, 6 ounces.

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Hand Knurling Tool

No. 95



This convenient little knurling outfit will be appreciated by many mechanics who have occasional use for a tool of this character. It has a forged steel shank, polished and nickel plated, a cocobolo handle, hollow, with a screw cap, making a convenient receptacle for holding extra knurls when not in use. The three knurls furnished in this set are those most commonly used.

One fine cross, one medium cross, one medium straight, as shown in cut. The knurls are $\frac{5}{8}$ inch in diameter, $\frac{3}{8}$ inch thick. The holder is not adjustable for knurls of different thicknesses; the shank being solid it will not spring easily, and as a matter of course will do better work.

The total length of the tool is 10 inches.

Price, each, complete with 3 knurls.....(PESTER) \$2.50

Packed one set in a box, 10 x $1\frac{3}{4}$ x $1\frac{1}{2}$ inches.

Weight, 9 ounces.

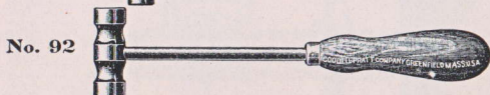
Separate Handles, price, each.....	(PEST)	1.00
"A" Knurls, plain straight, price, each.....	(PAN)	.50
"B" Knurls, fine cross, price, each.....	(PILL)	.50
"C" Knurls, medium cross, price, each.....	(PULL)	.50

Goodell-Pratt Company

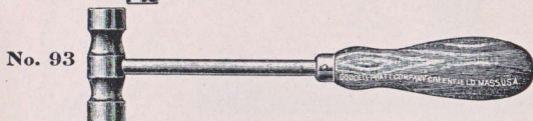
Brass Hammers



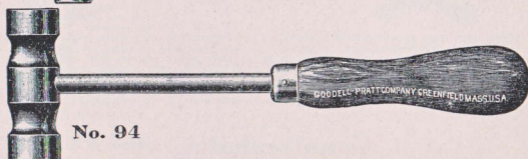
No. 91



No. 92



No. 93



No. 94

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This line of Brass Hammers for use on finished work will be found convenient, practical, and of moderate cost.

- | | | |
|---------|---|--------|
| No. 91. | Polished brass Head, $\frac{1}{2}$ inch x $1\frac{1}{2}$ inches; polished steel handle, with knurled grip. Length over all, $5\frac{3}{4}$ inches; weight, 2 ounces. Price, each... (PRESENT) | \$0.25 |
| No. 92. | Polished brass Head, $\frac{1}{16}$ inch x $1\frac{3}{4}$ inches; steel shank, and polished hard-wood handle. Length over all, $7\frac{5}{8}$ inches; weight, 4 ounces. Price, each... (PRAY) | .35 |
| No. 93. | Polished brass Head, $\frac{3}{4}$ inch x $2\frac{1}{4}$ inches; steel shank, and polished hard-wood handle. Length over all, 8 inches; weight, 8 ounces. Price, each... (PRETTY) | .45 |
| No. 94. | Polished brass Head, 1 inch x 3 inches; steel shank, and polished hard-wood handle. Length over all, 10 inches; weight, 16 ounces. Price, each... (PEACH) | .80 |

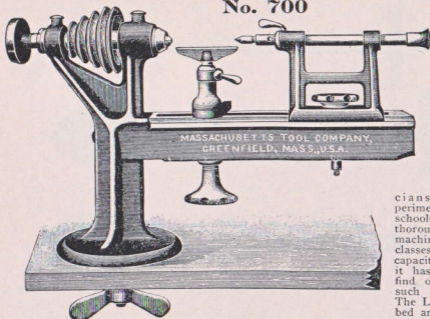
Above Hammers are packed one in a box.

Goodell-Pratt Company

"Mass. Tool Co." Brand

Precision Model Lathe

No. 700



A large and varied demand for a lathe of this character exists among all classes of skilled mechanics, and in every workshop where small, delicate work has to be handled on a machine. Clock makers, opticians, electricians, experimenters, and trade schools will find it a thoroughly practical machine capable of all classes of work up to its capacity, and one which it has been difficult to find offered for sale at such a moderate price. The Lathe has a 12-inch bed and swings 5 inches over centers. Spindle is

hollow and takes $\frac{7}{8}$ -inch diameter through. It is thoroughly well made, and in perfect alignment, and constructed with a special view to the fact that its ability to perform any work within its province should be paramount in every detail. At the same time all unnecessary expense has been eliminated, in order to make the price a reasonable one. The parts not machined and polished bright are finished in japan, which finish will be found both attractive and serviceable. This machine can be furnished as shown in the cut, or complete with any or all of the accessories and attachments listed on the pages that follow. Price, each.....(LION) \$15.00

PAGE

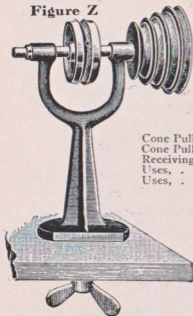
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hollow and takes $\frac{7}{8}$ -inch diameter through. It is thoroughly well made, and in perfect alignment, and constructed with a special view to the fact that its ability to perform any work within its province should be paramount in every detail. At the same time all unnecessary expense has been eliminated, in order to make the price a reasonable one. The parts not machined and polished bright are finished in japan, which finish will be found both attractive and serviceable. This machine can be furnished as shown in the cut, or complete with any or all of the accessories and attachments listed on the pages that follow. Price, each.....(LION) \$15.00

Countershafts

Figure P Z

Figure Z

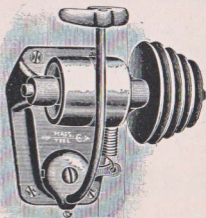


Foot Power

This is the same Counter furnished with the No. 1 Lathe but is so convenient a tool for many other places that we list it here.

Cone Pulley, 3 in. large diam.
Cone Pulley, 2 in. small diam.
Receiving Pulley, $2\frac{1}{2} \times 1$ inch.
Uses, . . . $\frac{1}{4}$ in. Round Belt.
Uses, . . . 1 in. Flat Belt.

Price, each.....(CAVE) \$2.50



Wall Countershaft

Especially adapted for use in connection with steam or electric power. Solid and well made.

Cone Pulley, 3 in. large diameter.
Cone Pulley, 2 in. small diameter.
Tight and Loose Pulley, 2×1 inch.

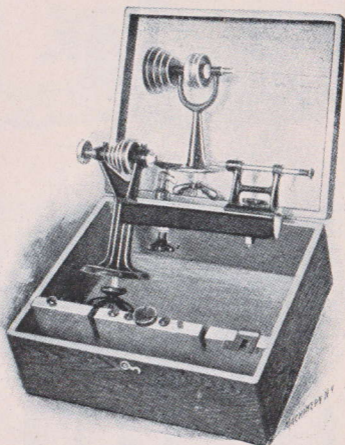
Price, each.....(CHAIR) \$3.50

Goodell-Pratt Company

"Mass. Tool Co." Brand

Precision Model Lathe

Assortment No. 1



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265

Consisting of 5-inch x 12-inch Precision model Lathe, 1 Counter-shaft, 1 Table Rest, 1 Large Step Chuck, 4 Round Wire Chucks to hold $\frac{1}{8}$ -inch, $\frac{3}{8}$ -inch, $\frac{1}{2}$ -inch, $\frac{3}{4}$ -inch, 1 Saw Arbor (without Saw), all complete in a polished wood case as shown in cut.

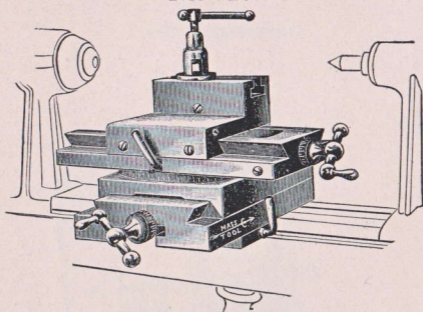
Price, complete, as shown..... (LEGAL) \$20.00

Shipping weight, about 25 pounds.

Goodell-Pratt Company

"Mass. Tool Co." Brand

Compound Slide Rest No. 710

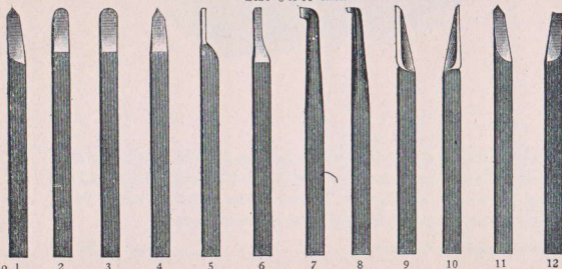


Our Compound Slide Rest has a double micrometer adjustment, exceptionally wide bearing surfaces, is solid and perfectly adapted for all possible requirements of one of its size. It clamps directly to the lathe bed, being held firmly. It may be set to turn at any angle, the whole circle being graduated in degrees. Its tool post takes a lathe tool $\frac{1}{8}$ x $\frac{1}{8}$ inch. It has micrometer lead screw. Gibs are provided to take up all wear of the slides. Bearing surfaces are scraped to a perfect fit. It has $2\frac{1}{4}$ -inch movement on bottom slides and ways; $2\frac{1}{4}$ -inch cross feed; $2\frac{1}{4}$ -inch longitudinal feed.

Price, each (REST) \$25.00

Lathe Tools

For use with No. 710 Slide Rest
Size $\frac{1}{8}$ x $\frac{3}{8}$ inch



No. 1

2

3

4

5

6

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9

10

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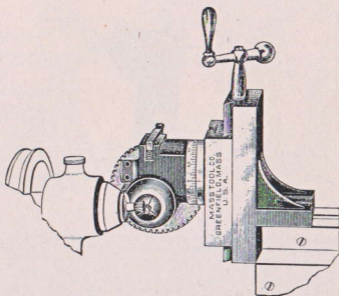
Price, each \$0.30

Goodell-Pratt Company

"Mass. Tool Co." Brand

Milling Attachment

No. 715



This Milling Attachment is designed to be used on our No. 710 Slide Rest, and will perform a wide range of work. It has recently been improved so as to make it more comprehensive and desirable. The spindle will take any of our regular lathe chucks. The screw has fine adjustment reading to .001. The fixture can be instantly and firmly clamped to slide rest (there being no change necessary in the rest to accomplish it). Spindle swivels to 90°. Index plates are interchangeable.

Price, each (MILL) \$20 00

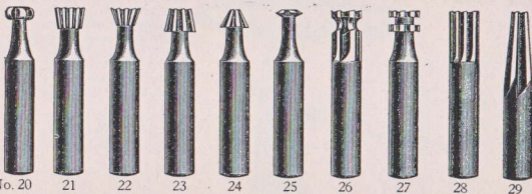
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Milling Cutters

For use with No. 715 Attachment

Shanks $\frac{1}{4}$ inch diameter



No. 20

21

22

23

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29

The Milling Cutters shown above (nearly full size) are made of best grade of cutter steel properly tempered and capable of performing their full duty. They can be used not only in our milling attachment, but will be found extremely useful in doing many kinds of work around the shop which have heretofore required making special tools for.

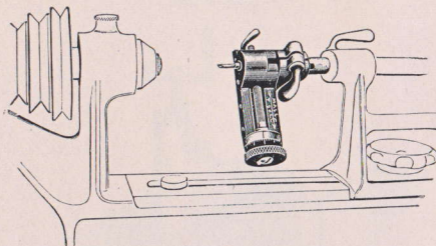
Price, each \$1.00

Goodell-Pratt Company

"Mass. Tool Co." Brand

Boring Attachment

No. 720



The Boring Attachment is a very comprehensive and complete fixture for boring and truing small holes. It can be clamped instantly to tail stock and is then ready for work. It matters not at what angle the slide of the fixture is placed it is always in position for the boring tool. Its sets of chucks take shanks from $\frac{1}{8}$ inch to $\frac{3}{4}$ inch. The tool can be set to bore the smallest hole with almost perfect trueness. The disc is graduated with a Vernier to .000125 inch, which makes it of the greatest convenience in bringing small diameter holes to an absolute size. The tool has $\frac{3}{4}$ -inch movement off center by the screw. It has gibs to take up all the wear on the slides.

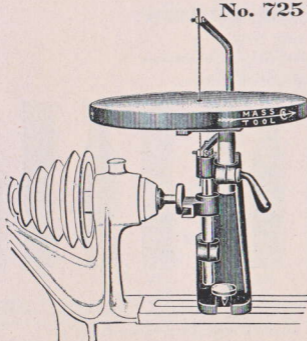
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Price, each.....	(BOR)	\$12.50
Price, each, chuck.....		.75
Price, each, boring tools.....		.75

Sawing Attachment

No. 725



This is a useful attachment to our Lathe, and one that is capable of adding quite a little to its owner's capacity for getting out model work as well as the light and intricate parts of small patterns. It is substantial, well made, and easily attached to the Lathe.

Table diameter, 4 inches.
Length of stroke, $\frac{3}{4}$ inch.
Length of saw, 4 inches.

Price, each(SEEK) \$5.00

Goodell-Pratt Company

"Mass. Tool Co." Brand

Round Wire Chucks

Figure A



Regular Sizes

$\frac{1}{16}$, $\frac{3}{32}$, $\frac{1}{8}$, $\frac{5}{32}$, $\frac{3}{16}$, $\frac{7}{32}$, $\frac{1}{2}$ inches. 5-1.-1.5-2.-2.5-3.5-4.5-5.-6.-mm. Metric. 5-10-15-20-25-30-35-40-45-50-55-60 Twist Drill Sizes.

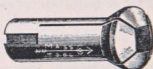
Price, each \$0.50

Other standard sizes $\frac{3}{32}$ " to $\frac{1}{2}$ ", each..... 1.00

Special dimensions, prices on application.

Square Wire Chuck

Figure O



5 Sizes

$\frac{1}{16}$ ", $\frac{3}{32}$ ", $\frac{1}{8}$ ", $\frac{5}{32}$ ", $\frac{3}{16}$ "

Price, each \$1.00

Right Angle Chuck

Figure N



5 Sizes

$\frac{1}{16}$ ", $\frac{3}{32}$ ", $\frac{1}{8}$ ", $\frac{5}{32}$ ", $\frac{3}{16}$ "

Price, each \$0.75

Three Jaw Chuck

Figure C



0- $\frac{5}{32}$ " Capacity

Price, each \$1.50

Expansion Chuck

Figure B



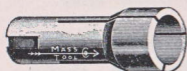
5 Sizes

$\frac{1}{4}$ ", $\frac{1}{16}$ ", $\frac{3}{8}$ ", $\frac{7}{16}$ ", $\frac{1}{2}$ "

Price, each \$1.00

Shoulder Chuck

Figure H

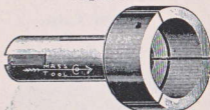


Regular $\frac{3}{8}$ " Size

Price, each \$0.75

Shoulder Chuck

Figure P



Special Sizes to Order

Price, each \$1.00 up

Step Chucks

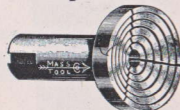


Fig. V. $\frac{1}{4}$ " diameter, each... \$1.50

Fig. Q. $\frac{1}{8}$ " diameter, each... .75

Cement Chucks



Fig. I. $\frac{1}{2}$ " diameter, each.... \$0.15

Fig. J. $\frac{3}{4}$ " diameter, each.... .25

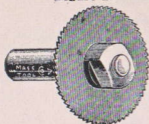
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Goodell-Pratt Company

"Mass. Tool Co." Brand

Figure D



Saw Arbor

Price, each.....\$0.75
Saws, each......20

V-Center for Tail Stock

Figure K



Price, each\$0.50

Live Spindle Center Holder

Figure E



Price, each\$1.00

Tail Stock Spindle Center

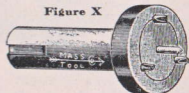
Figure W



Price, each\$0.50

Block Holder Chuck

Figure X



Price, each\$1.00

Lead Lap

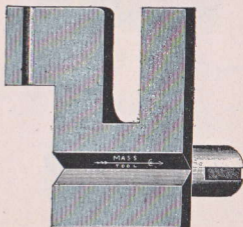
Figure M



Price, each\$1.50

Table Rest

Figure G



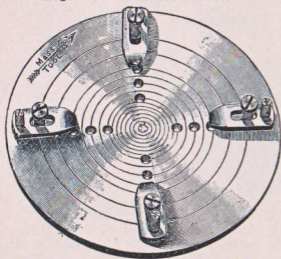
Price, each\$1.50

Goodell-Pratt Company

"Mass. Tool Co." Brand

Clamp Face Plate

Figure U 4 inches diameter



Price, each \$5.00

Screw Face Plate

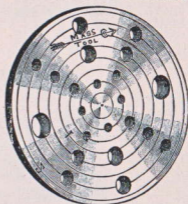
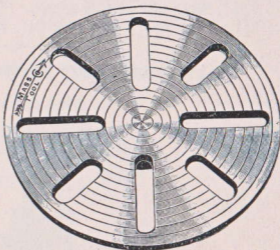


Figure L 2" Price, each \$3.00

Figure S 4" Price, each 4.00

Slotted Face Plate

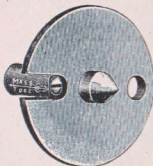
Figure T 4 inches diameter



Price, each \$4.00

Center Face Plate

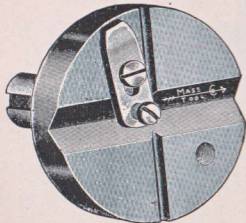
Figure F 1 1/2 inches diameter



Price, each \$1.50

V Slot Clamp Plate

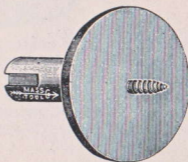
Figure R 1 1/2 inches diameter



Price, each \$1.50

Screw Center Face Plate

Figure Y



Price, each \$1.00

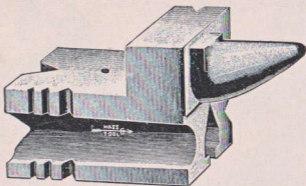
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Goodell-Pratt Company

"Mass. Tool Co." Brand

Universal Bench Anvils



These little Anvils will be found very convenient and practical for use upon any tool maker's bench; they have planed and squared surfaces, milled grooves and slots; in fact, the faces of the tool are sufficiently accurate to admit of its being used as a surface plate for laying out small work.

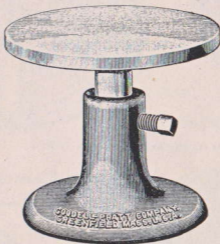
No. 110. Size, $4\frac{3}{4} \times 2\frac{1}{4} \times 2\frac{1}{4}$ inches. Price, each.....(ACME) \$1.50
 No. 111. Size, $6 \times 3 \times 3$ inches. Price, each....(ANCHOR) 2.50

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Adjustable Bench Table

No. 195



This little device is a fitting companion for the Bench Anvils above shown. It will be found very convenient on a machinist's workbench. Its height can be varied from $4\frac{1}{2}$ to $6\frac{1}{2}$ inches and is 5 inches in diameter. It has a turned and polished top, practically true, although we do not pretend that it is equal to a Surface Plate; in proportion to the price charged it represents equal value.

Price, each.....(TEMPLET) \$1.00

Weight, $3\frac{1}{4}$ pounds.



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